

; SEQ ID NO 1257  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-330-627-1257

Query Match 30.0%; Score 8.4; DB 1; Length 10;  
Best Local Similarity 90.0%; Pred. No. 31;  
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACAGGGA 21  
||| ||| |||  
DB 10 TGTACGGGGA 1

## RESULT 48

US-10-438-683-7/c  
; Sequence 7, Application US/10438683  
; Publication No. US20030186923A1  
; GENERAL INFORMATION:

; APPLICANT: JAMES D. THOMPSON  
; TITLE OF INVENTION: METHOD AND REAGENT FOR  
; INHIBITING P-GLYCOPROTEIN mdr-  
; 1 GENE

## NUMBER OF SEQUENCES: 9

## CORRESPONDENCE ADDRESS:

; ADDRESS: Lyon & Lyon  
; STREET: 611 West Sixth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: USA  
; ZIP: 90017

## COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage  
; COMPUTER: IBM COMPATIBLE  
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
; SOFTWARE: WordPerfect (Version 5.1)

## CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/438,683  
; FILING DATE: 15-May-2003  
; CLASSIFICATION: <Unknown>

## PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/07/882,885  
; FILING DATE: <Unknown>

## ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 197/173

## TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

## INFORMATION FOR SEQ ID NO: 7:

## SEQUENCE CHARACTERISTICS:

; LENGTH: 10

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-10-438-683-7

Query Match 30.0%; Score 8.4; DB 1; Length 10;  
Best Local Similarity 90.0%; Pred. No. 31;  
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 GGAAGTCCAG 27  
||| ||| |||  
DB 10 GGAAGTCCAG 1

## RESULT 49

US-10-444-206-85/c  
; Sequence 85, Application US/10444206

; Publication No. US20040023917A1  
; GENERAL INFORMATION:  
; APPLICANT: Bennett, Clarence Frank  
; APPLICANT: Vickers, Timothy A.  
; APPLICANT: Kaxas, James G.  
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the  
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein  
; FILE REFERENCE:  
; CURRENT APPLICATION NUMBER: US/10/444,206  
; CURRENT FILING DATE: 2003-05-23  
; PRIOR APPLICATION NUMBER: 09/851,871  
; PRIOR FILING DATE: 2001-05-09  
; PRIOR APPLICATION NUMBER: PCT/US00/14471  
; PRIOR FILING DATE: 2000-05-25  
; PRIOR APPLICATION NUMBER: 09/326,186  
; PRIOR FILING DATE: 1999-06-04  
; PRIOR APPLICATION NUMBER: 08/777,266  
; PRIOR FILING DATE: 1996-12-31  
; NUMBER OF SEQ ID NOS: 444  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 85  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic  
US-10-444-206-85

Query Match 30.0%; Score 8.4; DB 1; Length 10;  
Best Local Similarity 90.0%; Pred. No. 31;  
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGGAG 22  
||| ||| |||  
DB 10 GTACGGGGAG 1

## RESULT 50

US-09-249-155-45/c  
; Sequence 45, Application US/09249155  
; Publication No. US20030037345A1  
; GENERAL INFORMATION:

; APPLICANT: Heber-Katz, Ellen  
; TITLE OF INVENTION: Compositions and Methods for Wound  
; HEALING  
; FILE REFERENCE: 00486.78503

; CURRENT APPLICATION NUMBER: US/09/249,155

; CURRENT FILING DATE: 1999-02-12

; EARLIER APPLICATION NUMBER: 60/074,737

; EARLIER FILING DATE: 1998-02-13

; EARLIER APPLICATION NUMBER: 60/097,937

; EARLIER FILING DATE: 1998-08-26

; EARLIER APPLICATION NUMBER: 60/102,051

; EARLIER FILING DATE: 1998-09-28

; NUMBER OF SEQ ID NOS: 254

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 45

; TYPE: DNA

; LENGTH: 11

; ORGANISM: Mus musculus

; US-09-249-155-45

Query Match 30.0%; Score 8.4; DB 1; Length 11;  
Best Local Similarity 90.0%; Pred. No. 37;  
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACAGGGA 21  
||| ||| |||  
DB 10 TGTACGGGGA 1

## RESULT 51

US-09-851-871-86/c

; Sequence 86, Application US/09851871  
 ; Publication No. US20030176374A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bennett, Clarence Frank  
 ; APPLICANT: Vickers, Timothy A.  
 ; APPLICANT: Karras, James G.  
 ; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the  
 ; TITLE OF INVENTION: Modulation of the Expression of B7 Protein  
 ; FILE REFERENCE: ISPH-0543  
 ; CURRENT APPLICATION NUMBER: US/09/851,871  
 ; CURRENT FILING DATE: 2001-05-09  
 ; PRIOR APPLICATION NUMBER: PCT/US00/14471  
 ; PRIOR FILING DATE: 2000-05-25  
 ; PRIOR APPLICATION NUMBER: 09/326,186  
 ; PRIOR FILING DATE: 1999-06-04  
 ; PRIOR APPLICATION NUMBER: 08/777,266  
 ; PRIOR FILING DATE: 1996-12-31  
 ; NUMBER OF SEQ ID NOS: 284  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 86  
 ; LENGTH: 11  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic  
 US-09-851-871-86

Query Match 30.0%; Score 8.4; DB 1; Length 11;  
 Best Local Similarity 90.0%; Pred. No. 37;  
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACGGGAG 22  
 DB 11 GTACGGGAG 2

RESULT 52  
 US-10-314-322-45/c  
 ; Sequence 45, Application US/10314322  
 ; Publication No. US20030229911A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Heber-Katz, Ellen  
 ; TITLE OF INVENTION: Compositions and Methods for Wound  
 ; TITLE OF INVENTION: Healing  
 ; FILE REFERENCE: 000486.00016  
 ; CURRENT APPLICATION NUMBER: US/10/314,322  
 ; CURRENT FILING DATE: 2002-12-09  
 ; PRIOR APPLICATION NUMBER: US 60/074,737  
 ; PRIOR FILING DATE: 1998-02-13  
 ; PRIOR APPLICATION NUMBER: US 60/097,937  
 ; PRIOR FILING DATE: 1998-08-26  
 ; PRIOR APPLICATION NUMBER: US 60/102,051  
 ; PRIOR FILING DATE: 1998-09-28  
 ; PRIOR APPLICATION NUMBER: US 09/249,155  
 ; PRIOR FILING DATE: 1999-02-12  
 ; NUMBER OF SEQ ID NOS: 346  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 45  
 ; LENGTH: 11  
 ; TYPE: DNA  
 ; ORGANISM: Mus musculus  
 US-10-314-322-45

Query Match 30.0%; Score 8.4; DB 1; Length 11;  
 Best Local Similarity 90.0%; Pred. No. 37;  
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACGGGA 21  
 DB 10 TGTACGGGA 1

RESULT 53

US-10-444-206-86/c  
 ; Sequence 86, Application US/10444206  
 ; Publication No. US20040023917A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bennett, Clarence Frank  
 ; APPLICANT: Vickers, Timothy A.  
 ; APPLICANT: Karras, James G.  
 ; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the  
 ; TITLE OF INVENTION: Modulation of the Expression of B7 Protein  
 ; FILE REFERENCE:  
 ; CURRENT APPLICATION NUMBER: US/10/444,206  
 ; CURRENT FILING DATE: 2003-05-23  
 ; PRIOR APPLICATION NUMBER: 09/851,871  
 ; PRIOR FILING DATE: 2001-05-09  
 ; PRIOR APPLICATION NUMBER: PCT/US00/14471  
 ; PRIOR FILING DATE: 2000-05-25  
 ; PRIOR APPLICATION NUMBER: 09/326,186  
 ; PRIOR FILING DATE: 1999-06-04  
 ; PRIOR APPLICATION NUMBER: 08/777,266  
 ; PRIOR FILING DATE: 1996-12-31  
 ; NUMBER OF SEQ ID NOS: 444  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 86  
 ; LENGTH: 11  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic  
 US-10-444-206-86

Query Match 30.0%; Score 8.4; DB 1; Length 11;  
 Best Local Similarity 90.0%; Pred. No. 37;  
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACGGGAG 22  
 DB 11 GTACGGGAG 2

RESULT 54  
 US-09-851-871-87/c  
 ; Sequence 87, Application US/09851871  
 ; Publication No. US20030176374A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bennett, Clarence Frank  
 ; APPLICANT: Vickers, Timothy A.  
 ; APPLICANT: Karras, James G.  
 ; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the  
 ; TITLE OF INVENTION: Modulation of the Expression of B7 Protein  
 ; FILE REFERENCE: ISPH-0543  
 ; CURRENT APPLICATION NUMBER: US/09/851,871  
 ; CURRENT FILING DATE: 2001-05-09  
 ; PRIOR APPLICATION NUMBER: PCT/US00/14471  
 ; PRIOR FILING DATE: 2000-05-25  
 ; PRIOR APPLICATION NUMBER: 09/326,186  
 ; PRIOR FILING DATE: 1999-06-04  
 ; PRIOR APPLICATION NUMBER: 08/777,266  
 ; PRIOR FILING DATE: 1996-12-31  
 ; NUMBER OF SEQ ID NOS: 284  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 87  
 ; LENGTH: 12  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic  
 US-09-851-871-87

Query Match 30.0%; Score 8.4; DB 1; Length 12;  
 Best Local Similarity 90.0%; Pred. No. 43;  
 Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACGGGAG 22

```

Db      12 GTACGGGGAG 3
||||| |||||
RESULT 55
US-10-444-206-87/c
; Sequence 87, Application US/10444206
; Publication No. US20040023917A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE: Modulation of the Expression of B7 Protein
; CURRENT APPLICATION NUMBER: US/10/444,206
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: 09/851,871
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/325,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 87
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-444-206-87

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 43;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      13 GTACGGGGAG 22
||||| |||||
Db      12 GTACGGGGAG 3
||||| |||||

RESULT 56
US-10-238-700-3087/c
; Sequence 3087, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (WBHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 3087
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3087

Query Match      29.3%; Score 8.2; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 75;
Matches 10; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      7 CTACGTGTACAG 19
||||| |||||

Db      16 CTCCTGTACTGG 4
||||| |||||
RESULT 57
US-10-024-396-19
; Sequence 19, Application US/10024396
; Publication No. US20030147864A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
; FILE REFERENCE: RTS-0339
; CURRENT APPLICATION NUMBER: US/10/024,396
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-19

Query Match      29.3%; Score 8.2; DB 1; Length 20;
Best Local Similarity 76.9%; Pred. No. 83;
Matches 10; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      10 CGGTGTACGGGAG 22
||||| |||||
Db      2 CCTGTACAGTAG 14
||||| |||||

RESULT 58
US-10-024-396-20
; Sequence 20, Application US/10024396
; Publication No. US20030147864A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
; FILE REFERENCE: RTS-0339
; CURRENT APPLICATION NUMBER: US/10/024,396
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-20

Query Match      29.3%; Score 8.2; DB 1; Length 20;
Best Local Similarity 76.9%; Pred. No. 83;
Matches 10; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      7 CTACGTGTACAG 19
||||| |||||
Db      7 CTCCTGTACAG 19
||||| |||||

RESULT 59
US-09-853-105-19/c
; Sequence 19, Application US/09853105
; Publication No. US20030149236A1
; GENERAL INFORMATION:
; APPLICANT: Hilton, Douglas J.
; TITLE OF INVENTION: A NOVEL HAEMOPOIETIN RECEPTOR
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: United States of America

```

```

; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/09/853,105
; APPLICATION NUMBER: US/09/853,105
; FILING DATE: 10-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/702,665
; FILING DATE: 20-DEC-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Presser, Leopold
; REGISTRATION NUMBER: 19,827
; REFERENCE/DOCKET NUMBER: 10296
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEX: 203 901 SANS UR
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-853-105-19

```

```

Query Match          29.3%; Score 8.2; DB 1; Length 21;
Best Local Similarity 76.9%; Pred. No. 84;
Matches 10; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 7 CTACGTGTACAGG 19
Db 15 CTCCAAGTACAGG 3

```

```

RESULT 50
US-09-989-789-2098/c
; Sequence 2098, Application US/09989789
; Patent No. US20020063379A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2098
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-789-2098

```

```

Query Match          28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2,4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 5 CCCTACGT 12
Db 9 CCCTACGT 2

```

```

RESULT 61
US-09-989-789-2100/c

```

```

; Sequence 2100, Application US/09989789
; Patent No. US20020063379A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2100
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-789-2100

```

```

Query Match          28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2,4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 5 CCCTACGT 12
Db 9 CCCTACGT 2

```

```

RESULT 62
US-09-989-789-2195
; Sequence 2195, Application US/09989789
; Patent No. US20020063379A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2195
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-789-2195

```

```

Query Match          28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2,4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 17 AGGAGTC 24
Db 2 AGGAGTC 9

```

```

RESULT 63
US-09-989-789-2453/c
; Sequence 2453, Application US/09989789
; Patent No. US20020063379A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0

```



```
; SEQ ID NO 2453
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-789-2453

Query Match      28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      1 CGGGCCCT 8
        |||||
Db       9 CGGGCCCT 2

RESULT 64
US-09-989-789-2454/c
; Sequence 2454, Application US/09989789
; Patent No. US20020063379A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2454
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-789-2454

Query Match      28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      1 CGGGCCCT 8
        |||||
Db       9 CGGGCCCT 2

RESULT 65
US-09-990-186-2098/c
; Sequence 2098, Application US/09990186
; Publication No. US20030068675A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.21 / S11-US3
; CURRENT APPLICATION NUMBER: US/09/990,186
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2098
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-990-186-2098

Query Match      28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
```

```
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      5 CCCTACGT 12
        |||||
Db       9 CCCTACGT 2

RESULT 66
US-09-990-186-2100/c
; Sequence 2100, Application US/09990186
; Publication No. US20030068675A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.21 / S11-US3
; CURRENT APPLICATION NUMBER: US/09/990,186
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2100
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-990-186-2100

Query Match      28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      5 CCCTACGT 12
        |||||
Db       9 CCCTACGT 2

RESULT 67
US-09-990-186-2195
; Sequence 2195, Application US/09990186
; Publication No. US20030068675A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.21 / S11-US3
; CURRENT APPLICATION NUMBER: US/09/990,186
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2195
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-990-186-2195

Query Match      28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      17 AGGGAGTC 24
        |||||
Db       2 AGGGAGTC 9

RESULT 68
US-09-990-186-2453/c
; Sequence 2453, Application US/09990186
; Publication No. US20030068675A1
```

[illegible]

QY 17 ACGGAGTC 24  
|||||  
DB 2 ACGGAGTC 9

## RESULT 73

US-09-989-994-2453/c  
; Sequence 2453, Application US/09989994  
; Publication No. US20030104526A1  
; GENERAL INFORMATION:  
; APPLICANT: LIU, Qiang  
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE  
; FILE OF INVENTION: TRIPLETS BY ZINC FINGERS  
; FILE REFERENCE: 8325-0011.20 / S11-US2  
; CURRENT APPLICATION NUMBER: US/09/989,994  
; CURRENT FILING DATE: 2001-11-20  
; NUMBER OF SEQ ID NOS: 4085  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 2453  
; LENGTH: 9  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: example target  
; OTHER INFORMATION: DNA  
US-09-989-994-2453

Query Match 28.6%; Score 8; DB 1; Length 9;  
Best Local Similarity 100.0%; Pred. No. 2.4e+02;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGGCCCT 8  
|||||  
DB 9 CGGGCCCT 2

## RESULT 74

US-09-989-994-2454/c  
; Sequence 2454, Application US/09989994  
; Publication No. US20030104526A1  
; GENERAL INFORMATION:  
; APPLICANT: LIU, Qiang  
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE  
; FILE OF INVENTION: TRIPLETS BY ZINC FINGERS  
; FILE REFERENCE: 8325-0011.20 / S11-US2  
; CURRENT APPLICATION NUMBER: US/09/989,994  
; CURRENT FILING DATE: 2001-11-20  
; NUMBER OF SEQ ID NOS: 4085  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 2454  
; LENGTH: 9  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: example target  
; OTHER INFORMATION: DNA  
US-09-989-994-2454

Query Match 28.6%; Score 8; DB 1; Length 9;  
Best Local Similarity 100.0%; Pred. No. 2.4e+02;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGGCCCT 8  
|||||  
DB 9 CGGGCCCT 2

## RESULT 75

US-10-376-341-97/c  
; Sequence 97, Application US/10376341  
; Publication No. US20040002473A1  
; GENERAL INFORMATION:  
; APPLICANT: KURRECK, Jens

; APPLICANT: ERDMANN, Volker A.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES AGAINST VRL  
; FILE REFERENCE: 029310.52142US  
; CURRENT APPLICATION NUMBER: US/10/376,341  
; CURRENT FILING DATE: 2003-03-03  
; PRIOR APPLICATION NUMBER: PCT/EP01/10081  
; PRIOR FILING DATE: 2001-08-31  
; PRIOR APPLICATION NUMBER: 100 43 674.9  
; PRIOR FILING DATE: 2000-09-02  
; PRIOR APPLICATION NUMBER: 100 43 702.8  
; PRIOR FILING DATE: 2000-09-04  
; NUMBER OF SEQ ID NOS: 248  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 97  
; LENGTH: 9  
; TYPE: DNA  
; ORGANISM: Rattus norvegicus  
US-10-376-341-97

Query Match 28.6%; Score 8; DB 1; Length 9;  
Best Local Similarity 100.0%; Pred. No. 2.4e+02;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 19 GGAGTCCA 26  
|||||  
DB 9 GGAGTCCA 2

## RESULT 76

US-10-293-222-372/c  
; Sequence 372, Application US/10293222  
; Publication No. US2004003932A1  
; GENERAL INFORMATION:  
; APPLICANT: Versteeg, Rogier  
; TITLE OF INVENTION: MYC targets  
; FILE REFERENCE: 2183-5580US  
; CURRENT APPLICATION NUMBER: US/10/293,222  
; CURRENT FILING DATE: 2002-11-12  
; PRIOR APPLICATION NUMBER: PCT/NL01/00361  
; PRIOR FILING DATE: 2001-05-11  
; PRIOR APPLICATION NUMBER: EP 00201698.8  
; PRIOR FILING DATE: 2000-05-11  
; PRIOR APPLICATION NUMBER: EP 00202284.6  
; PRIOR FILING DATE: 2000-06-29  
; NUMBER OF SEQ ID NOS: 455  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 372  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-293-222-372

Query Match 28.6%; Score 8; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 38;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 9 ACGTGTAC 16  
|||||  
DB 10 ACGTGTAC 3

## RESULT 77

US-10-027-632-52785/c  
; Sequence 52785, Application US/10027632  
; Publication No. US20020198371A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide  
; FILE OF INVENTION: Polymorphisms in the Human Genome  
; FILE REFERENCE: 108827.129  
; CURRENT APPLICATION NUMBER: US/10/027,632  
; CURRENT FILING DATE: 2002-04-30

; PRIOR APPLICATION NUMBER: US 60/218,006  
; PRIOR FILING DATE: 2000-07-12  
; PRIOR APPLICATION NUMBER: US 60/198,676  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: US 60/193,483  
; PRIOR FILING DATE: 2000-03-29  
; PRIOR APPLICATION NUMBER: US 60/185,218  
; PRIOR FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: US 60/167,363  
; PRIOR FILING DATE: 1999-11-23  
; PRIOR APPLICATION NUMBER: US 60/156,358  
; PRIOR FILING DATE: 1999-09-28  
; PRIOR APPLICATION NUMBER: US 60/146,002  
; PRIOR FILING DATE: 1999-08-09  
; NUMBER OF SEQ ID NOS: 325720  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 52785  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Human  
US-10-027-632-52785

Query Match 28.6%; Score 8; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 38;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 ACAGGGAG 22  
|||||||  
Db 9 ACAGGGAG 2

RESULT 78  
US-10-027-632-52785/C  
; Sequence 52785, Application US/10027632  
; Publication No. US20030204075A9  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide  
; FILE REFERENCE: 108827.129  
; CURRENT APPLICATION NUMBER: US/10/027,632  
; CURRENT FILING DATE: 2002-04-30  
; PRIOR APPLICATION NUMBER: US 60/218,006  
; PRIOR FILING DATE: 2000-07-12  
; PRIOR APPLICATION NUMBER: US 60/198,676  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: US 60/193,483  
; PRIOR FILING DATE: 2000-03-29  
; PRIOR APPLICATION NUMBER: US 60/185,218  
; PRIOR FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: US 60/167,363  
; PRIOR FILING DATE: 1999-11-23  
; PRIOR APPLICATION NUMBER: US 60/156,358  
; PRIOR FILING DATE: 1999-09-28  
; PRIOR APPLICATION NUMBER: US 60/146,002  
; PRIOR FILING DATE: 1999-08-09  
; NUMBER OF SEQ ID NOS: 325720  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 52785  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Human  
US-10-027-632-52785

Query Match 28.6%; Score 8; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 38;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 ACAGGGAG 22  
|||||||  
Db 9 ACAGGGAG 2

RESULT 79  
US-10-314-578-1125  
; Sequence 1125, Application US/10314578  
; Publication No. US20030212026A1  
; GENERAL INFORMATION:  
; APPLICANT: Krieg, Arthur M.  
; APPLICANT: Schetter, Christian  
; APPLICANT: Vollmer, Jorg  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids  
; FILE REFERENCE: C1039/7035 (HCL/Mar)  
; CURRENT APPLICATION NUMBER: US/10/314,578  
; CURRENT FILING DATE: 2002-12-09  
; PRIOR APPLICATION NUMBER: US 60/156,113  
; PRIOR FILING DATE: 1999-09-25  
; PRIOR APPLICATION NUMBER: US 60/156,135  
; PRIOR FILING DATE: 1999-09-27  
; PRIOR APPLICATION NUMBER: US 60/227,436  
; PRIOR FILING DATE: 2000-08-23  
; NUMBER OF SEQ ID NOS: 1145  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 1125  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-10-314-578-1125

Query Match 28.6%; Score 8; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 38;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 9 ACGTGTAC 16  
|||||||  
Db 1 ACGTGTAC 8

RESULT 80  
US-10-033-145-49  
; Sequence 49, Application US/10033145  
; Publication No. US2002015151A1  
; GENERAL INFORMATION:  
; APPLICANT: GENZYME CORPORATION  
; APPLICANT: ROBERTS, BRUCE  
; APPLICANT: SHANKARA, SRINIVAS  
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES  
; FILE REFERENCE: GAO201C  
; CURRENT APPLICATION NUMBER: US/10/033,145  
; CURRENT FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: PCT/US99/13800  
; PRIOR FILING DATE: 1999-06-18  
; NUMBER OF SEQ ID NOS: 2137  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 49  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-033-145-49

Query Match 28.6%; Score 8; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 38;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 CCTACGTG 13  
|||||||  
Db 2 CCTACGTG 9

RESULT 81  
US-10-033-145-1636  
; Sequence 1636, Application US/10033145  
; Publication No. US2002015151A1  
; GENERAL INFORMATION:

; APPLICANT: GENZYME CORPORATION  
; APPLICANT: ROBERTS, BRUCE  
; APPLICANT: SHANKARA, SRINIVAS  
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES  
; FILE REFERENCE: GA0201C  
; CURRENT APPLICATION NUMBER: US/10/033,145  
; PRIOR FILING DATE: 2001-11-05  
; PRIOR APPLICATION NUMBER: PCT/US99/13800  
; PRIOR FILING DATE: 1999-06-18  
; NUMBER OF SEQ ID NOS: 2137  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1636  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-033-145-1636

Query Match 28.6%; Score 8; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 38;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGGCCCT 8  
DB 3 CGGGCCCT 10

RESULT 82  
US-10-195-383-12/c  
; Sequence 12, Application US/10195383  
; Publication No. US20030165910A1  
; GENERAL INFORMATION:  
; APPLICANT: CHEVAL, Lydie  
; APPLICANT: ELALOUP, Jean-Marc  
; APPLICANT: VIRLON, Berangere  
; TITLE OF INVENTION: MICROASSAY FOR SERIAL ANALYSIS OF GENE EXPRESSION AND APPLICATIONS THEREOF  
; FILE REFERENCE: 0846-0499-0X  
; CURRENT APPLICATION NUMBER: US/10/195,383  
; PRIOR FILING DATE: 2002-07-16  
; PRIOR APPLICATION NUMBER: US/09/301,721  
; PRIOR FILING DATE: 1999-04-29  
; PRIOR APPLICATION NUMBER: EPO 99400189.9  
; PRIOR FILING DATE: 1998-01-27  
; NUMBER OF SEQ ID NOS: 28  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 12  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Mus musculus  
US-10-195-383-12

Query Match 28.6%; Score 8; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 38;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 AGGGAGTC 24  
DB 9 AGGGAGTC 2

RESULT 83  
US-10-330-627-464/c  
; Sequence 464, Application US/10330627  
; Publication No. US20030175771A1  
; GENERAL INFORMATION:  
; APPLICANT: Velculescu, Victor E.  
; APPLICANT: Kinzler, Kenneth W.  
; TITLE OF INVENTION: Human Transcriptomes  
; FILE REFERENCE: 001107.00319  
; CURRENT APPLICATION NUMBER: US/10/330,627  
; CURRENT FILING DATE: 2002-12-30  
; PRIOR APPLICATION NUMBER: US 09/448,480

; PRIOR FILING DATE: 1999-11-24  
; NUMBER OF SEQ ID NOS: 1564  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 464  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-330-627-464

Query Match 28.6%; Score 8; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 38;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 21 AGTCCAGG 28  
DB 10 AGTCCAGG 3

RESULT 84  
US-10-330-627-674/c  
; Sequence 674, Application US/10330627  
; Publication No. US20030175771A1  
; GENERAL INFORMATION:  
; APPLICANT: Velculescu, Victor E.  
; APPLICANT: Kinzler, Kenneth W.  
; APPLICANT: Vogelstein, Bert  
; TITLE OF INVENTION: Human Transcriptomes  
; FILE REFERENCE: 001107.00319  
; CURRENT APPLICATION NUMBER: US/10/330,627  
; CURRENT FILING DATE: 2002-12-30  
; PRIOR APPLICATION NUMBER: US 09/448,480  
; PRIOR FILING DATE: 1999-11-24  
; NUMBER OF SEQ ID NOS: 1564  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 674  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-330-627-674

Query Match 28.6%; Score 8; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 38;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 9 ACGGTGAC 16  
DB 10 ACGGTGAC 3

RESULT 85  
US-10-330-627-936/c  
; Sequence 936, Application US/10330627  
; Publication No. US20030175771A1  
; GENERAL INFORMATION:  
; APPLICANT: Velculescu, Victor E.  
; APPLICANT: Kinzler, Kenneth W.  
; APPLICANT: Vogelstein, Bert  
; TITLE OF INVENTION: Human Transcriptomes  
; FILE REFERENCE: 001107.00319  
; CURRENT APPLICATION NUMBER: US/10/330,627  
; CURRENT FILING DATE: 2002-12-30  
; PRIOR APPLICATION NUMBER: US 09/448,480  
; PRIOR FILING DATE: 1999-11-24  
; NUMBER OF SEQ ID NOS: 1564  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 936  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-330-627-936

Query Match 28.6%; Score 8; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 38;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 GTGTACAG 18  
|||||  
Db 9 GTGTACAG 2

RESULT 86  
US-09-918-715-40  
; Sequence 40, Application US/09918715  
; Publication No. US20030017157A1  
; GENERAL INFORMATION:  
; APPLICANT: Brad St. Croix  
; APPLICANT: Bert Vogelstein  
; APPLICANT: Kenneth Kinzler  
; TITLE OF INVENTION: ENDOTHELIAL CELL EXPRESSION PATTERNS  
; FILE REFERENCE: 1107.00134  
; CURRENT APPLICATION NUMBER: US/09/918,715  
; PRIOR FILING DATE: 2001-08-01  
; PRIOR APPLICATION NUMBER: 60/222,599  
; PRIOR FILING DATE: 2000-08-02  
; PRIOR APPLICATION NUMBER: 60/224,360  
; PRIOR FILING DATE: 2000-08-11  
; PRIOR APPLICATION NUMBER: 60/282,850  
; PRIOR FILING DATE: 2000-04-11  
; NUMBER OF SEQ ID NOS: 358  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 40  
; LENGTH: 11  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-918-715-40

Query Match 28.6%; Score 8; DB 1; Length 11;  
Best Local Similarity 100.0%; Pred. No. 45;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 GGCCTAC 10  
|||||  
Db 1 GGCCTAC 8

RESULT 87  
US-09-943-115A-15  
; Sequence 15, Application US/09943115A  
; Publication No. US20030017469A1  
; GENERAL INFORMATION:  
; APPLICANT: SEQUENOM, Inc.  
; APPLICANT: Risinger, Carl  
; APPLICANT: Andersson, Maria  
; APPLICANT: Lewander, Tommy  
; APPLICANT: Olaisson, Erik  
; TITLE OF INVENTION: DETECTION OF CYP3A4 AND CYP2C9  
; FILE REFERENCE: 52459-20021.00  
; CURRENT APPLICATION NUMBER: US/09/943,115A  
; PRIOR FILING DATE: 2001-08-30  
; PRIOR APPLICATION NUMBER: UK 0021286.0  
; PRIOR FILING DATE: 2000-08-30  
; NUMBER OF SEQ ID NOS: 73  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 15  
; LENGTH: 11  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide of the novel polymorphic site 461  
; OTHER INFORMATION: on the coding strand  
US-09-943-115A-15

Query Match 28.6%; Score 8; DB 1; Length 11;  
Best Local Similarity 100.0%; Pred. No. 45;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 GTGTACAG 18  
|||||  
Db 3 GTGTACAG 10

RESULT 88  
US-09-943-115A-16/c  
; Sequence 16, Application US/09943115A  
; Publication No. US20030017469A1  
; GENERAL INFORMATION:  
; APPLICANT: SEQUENOM, Inc.  
; APPLICANT: Risinger, Carl  
; APPLICANT: Andersson, Maria  
; APPLICANT: Lewander, Tommy  
; APPLICANT: Olaisson, Erik  
; TITLE OF INVENTION: DETECTION OF CYP3A4 AND CYP2C9  
; FILE REFERENCE: 52459-20021.00  
; CURRENT APPLICATION NUMBER: US/09/943,115A  
; PRIOR FILING DATE: 2001-08-30  
; PRIOR APPLICATION NUMBER: UK 0021286.0  
; PRIOR FILING DATE: 2000-08-30  
; NUMBER OF SEQ ID NOS: 73  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 16  
; LENGTH: 11  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide of the novel polymorphic site 461  
; OTHER INFORMATION: on the non-coding strand  
US-09-943-115A-16

Query Match 28.6%; Score 8; DB 1; Length 11;  
Best Local Similarity 100.0%; Pred. No. 45;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 GTGTACAG 18  
|||||  
Db 9 GTGTACAG 2

RESULT 89  
US-10-027-632-176254  
; Sequence 176254, Application US/10027632  
; Publication No. US20020198371A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide  
; TITLE OF INVENTION: Polymorphisms in the Human Genome  
; FILE REFERENCE: 108827.129  
; CURRENT APPLICATION NUMBER: US/10/027,632  
; CURRENT FILING DATE: 2002-04-30  
; PRIOR APPLICATION NUMBER: US 60/218,006  
; PRIOR FILING DATE: 2000-07-12  
; PRIOR APPLICATION NUMBER: US 60/198,676  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: US 60/193,483  
; PRIOR FILING DATE: 2000-03-29  
; PRIOR APPLICATION NUMBER: US 60/185,218  
; PRIOR FILING DATE: 2000-02-24  
; PRIOR APPLICATION NUMBER: US 60/167,363  
; PRIOR FILING DATE: 1999-11-23  
; PRIOR APPLICATION NUMBER: US 60/156,358  
; PRIOR FILING DATE: 1999-09-28  
; PRIOR APPLICATION NUMBER: US 60/146,002  
; PRIOR FILING DATE: 1999-08-09  
; NUMBER OF SEQ ID NOS: 325720  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 176254  
; LENGTH: 11  
; TYPE: DNA

```

; ORGANISM: Human
US-10-027-632-176254

Query Match      28.6%; Score 8; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 45;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      18 GGGAGTCC 25
      |||||
Db      2 GGGAGTCC 9

RESULT 90
US-10-027-632-176254
; Sequence 176254, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027.632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2008-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 176254
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-176254

Query Match      28.6%; Score 8; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 45;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      18 GGGAGTCC 25
      |||||
Db      2 GGGAGTCC 9

RESULT 91
US-09-249-155-236
; Sequence 236, Application US/09249155
; Publication No. US20030037345A1
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound
; Healing
; FILE REFERENCE: 00486.78503
; CURRENT APPLICATION NUMBER: US/09/249,155
; CURRENT FILING DATE: 1999-02-12
; EARLIER APPLICATION NUMBER: 60/074,737
; EARLIER FILING DATE: 1998-02-13
; EARLIER APPLICATION NUMBER: 60/097,937
; EARLIER FILING DATE: 1998-08-26
; EARLIER APPLICATION NUMBER: 60/102,051
; EARLIER FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 254
; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 236
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-249-155-236

Query Match      27.9%; Score 7.8; DB 1; Length 11;
Best Local Similarity 81.8%; Pred. No. 50;
Matches      9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      18 GGGAGTCCAGG 28
      |||||
Db      1 GGGGGCCCGAG 11

RESULT 92
US-10-223-126-175
; Sequence 175, Application US/10223126
; Publication No. US20030092662A1
; GENERAL INFORMATION:
; APPLICANT: Ecker, David J.
; TITLE OF INVENTION: Molecular Interaction Sites of 16S Ribosomal RNA and Methods of
; Modulating the Same
; FILE REFERENCE: IBIS-0424
; CURRENT APPLICATION NUMBER: US/10/223,126
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: 60/313,890
; PRIOR FILING DATE: 2001-08-21
; NUMBER OF SEQ ID NOS: 202
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 175
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
US-10-223-126-175

Query Match      27.9%; Score 7.8; DB 1; Length 11;
Best Local Similarity 72.7%; Pred. No. 50;
Matches      8; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      16 CAGGGAGTCCA 26
      |||||
Db      1 CUGGAGUGUCCA 11

RESULT 93
US-10-104-307-24
; Sequence 24, Application US/10104307
; Publication No. US20030180729A1
; GENERAL INFORMATION:
; APPLICANT: GUNNING, Kerry B.
; APPLICANT: POWDRILL, Tom
; APPLICANT: HOGAN, Michael
; TITLE OF INVENTION: Hybridization Rate Enhancement for Substrate-Bound Specific Nuc
; leic Acid Binding Agents
; FILE REFERENCE: 053960.0001/1US
; CURRENT APPLICATION NUMBER: US/10/104,307
; CURRENT FILING DATE: 2002-03-22
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 24
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(11)
; OTHER INFORMATION: synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5' amine modification

```

## US-10-104-307-24

Query Match 27.9%; Score 7.8; DB 1; Length 11;  
Best Local Similarity 81.8%; Pred. No. 50;  
Matches 9; Conservative 0; Mismatches 0; Gaps 0;  
Indels 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23  
| | | | | | | | | |  
DB 1 GTAGAGGGCGT 11

## RESULT 94

US-10-314-322-236  
; Sequence 236, Application US/10314322  
; Publication No. US20030229911A1  
; GENERAL INFORMATION:  
; APPLICANT: Heber-Katz, Ellen  
; TITLE OF INVENTION: Compositions and Methods for Wound  
; FILE REFERENCE: 000486.00016  
; CURRENT APPLICATION NUMBER: US/10/314,322  
; CURRENT FILING DATE: 2002-12-09  
; PRIOR APPLICATION NUMBER: US 60/074,737  
; PRIOR FILING DATE: 1998-02-13  
; PRIOR APPLICATION NUMBER: US 60/097,937  
; PRIOR FILING DATE: 1998-08-26  
; PRIOR APPLICATION NUMBER: US 60/102,051  
; PRIOR FILING DATE: 1998-09-28  
; PRIOR APPLICATION NUMBER: US 09/249,155  
; PRIOR FILING DATE: 1999-02-12  
; NUMBER OF SEQ ID NOS: 346  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 236  
; LENGTH: 11  
; TYPE: DNA  
; ORGANISM: Mus musculus

## US-10-314-322-236

Query Match 27.9%; Score 7.8; DB 1; Length 11;  
Best Local Similarity 81.8%; Pred. No. 50;  
Matches 9; Conservative 0; Mismatches 2; Indels 2; Indels 0; Gaps 0;

QY 18 GGGAGTCCAGG 28  
| | | | | | | | | |  
DB 1 GGGGGCCCGG 11

## RESULT 95

US-10-314-322-272/c  
; Sequence 272, Application US/10314322  
; Publication No. US20030229911A1  
; GENERAL INFORMATION:  
; APPLICANT: Heber-Katz, Ellen  
; TITLE OF INVENTION: Compositions and Methods for Wound  
; FILE REFERENCE: 000486.00016  
; CURRENT APPLICATION NUMBER: US/10/314,322  
; CURRENT FILING DATE: 2002-12-09  
; PRIOR APPLICATION NUMBER: US 60/074,737  
; PRIOR FILING DATE: 1998-02-13  
; PRIOR APPLICATION NUMBER: US 60/097,937  
; PRIOR FILING DATE: 1998-08-26  
; PRIOR APPLICATION NUMBER: US 60/102,051  
; PRIOR FILING DATE: 1998-09-28  
; PRIOR APPLICATION NUMBER: US 09/249,155  
; PRIOR FILING DATE: 1999-02-12  
; NUMBER OF SEQ ID NOS: 346  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 272  
; LENGTH: 11  
; TYPE: DNA  
; ORGANISM: Mus musculus

## US-10-314-322-272

Query Match 27.9%; Score 7.8; DB 1; Length 11;  
Best Local Similarity 81.8%; Pred. No. 50;  
Matches 9; Conservative 0; Mismatches 0; Gaps 0;  
Indels 2; Indels 0; Gaps 0;

QY 10 CGTGACAGGG 20  
| | | | | | | | | |  
DB 11 CTGTAGAGGG 1

## RESULT 96

US-09-929-507-19/c  
; Sequence 19, Application US/0929507  
; Publication No. US20030039976A1  
; GENERAL INFORMATION:  
; APPLICANT: Hoff, Lawrence A.  
; TITLE OF INVENTION: Methods For Base Counting  
; FILE REFERENCE: SYP-170  
; CURRENT APPLICATION NUMBER: US/09/929,507  
; CURRENT FILING DATE: 2001-08-14  
; NUMBER OF SEQ ID NOS: 43  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 19  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
; OTHER INFORMATION: primer  
US-09-929-507-19

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 57;  
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGGTACAGGG 20  
| | | | | | | | | |  
DB 11 CCGTCCAGGG 1

## RESULT 97

US-09-900-112-55/c  
; Sequence 55, Application US/09900112  
; Publication No. US20030082209A1  
; GENERAL INFORMATION:  
; APPLICANT: Skiadopoulos, Mario H.  
; APPLICANT: Collins, Peter L.  
; APPLICANT: Murphy, Brian R.  
; APPLICANT: Schmidt, Alexander C.  
; TITLE OF INVENTION: Attenuated Human-Bovine Chimeric Parainfluenza Virus (PIV) Vacc  
; FILE REFERENCE: NIH-0127  
; CURRENT APPLICATION NUMBER: US/09/900,112  
; CURRENT FILING DATE: 2002-06-11  
; PRIOR APPLICATION NUMBER: 60/215,809  
; PRIOR FILING DATE: 2000-07-05  
; NUMBER OF SEQ ID NOS: 66  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 55  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Parainfluenza Virus  
; OTHER INFORMATION: Parainfluenza Virus  
US-09-900-112-55

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 57;  
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCCTACGTCTA 15  
| | | | | | | | | |  
DB 11 CCGTACGTCTA 1



```

RESULT 98
US-09-900-112-60/c
; Sequence 60, Application US/09900112
; Publication No. US20030082209A1
; GENERAL INFORMATION:
; APPLICANT: Lemeshko, Sergio H.
; APPLICANT: Belosludtsev, Yuri
; APPLICANT: Skladopoulos, Mario H.
; APPLICANT: Collins, Peter L.
; APPLICANT: Murphy, Brian R.
; APPLICANT: Schmidt, Alexander C.
; TITLE OF INVENTION: Attenuated Human-Bovine Chimeric Parainfluenza Virus (piv) Vaccin
; FILE REFERENCE: NIH-0127
; CURRENT APPLICATION NUMBER: US/09/900,112
; CURRENT FILING DATE: 2002-06-11
; PRIOR APPLICATION NUMBER: 60/215,809
; PRIOR FILING DATE: 2000-07-05
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 60
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Parainfluenza Virus
US-09-900-112-60
Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 57;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGTGTA 15
DB 11 CCGTAGCTTA 1

RESULT 99
US-10-193-938-2
; Sequence 2, Application US/10193938
; Publication No. US20030134299A1
; GENERAL INFORMATION:
; APPLICANT: Hogan, Michael
; APPLICANT: Lemeshko, Sergio
; APPLICANT: Belosludtsev, Yuri
; APPLICANT: Powdrill, Tom
; APPLICANT: Mitra, Rahul
; TITLE OF INVENTION: METHODS AND DEVICES BASED UPON A NOVEL
; FILE REFERENCE: AP34457 00A146.0162
; CURRENT APPLICATION NUMBER: US/10/193,938
; CURRENT FILING DATE: 2002-07-11
; PRIOR APPLICATION NUMBER: 60/304,500
; PRIOR FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide mt-12-as
US-10-193-938-2
Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 57;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAG 22
DB 2 TGTAGAGGGC 12

RESULT 100
US-10-193-938-8/c
; Sequence 8, Application US/10193938
```

```

; Publication No. US20030134299A1
; GENERAL INFORMATION:
; APPLICANT: Hogan, Michael
; APPLICANT: Lemeshko, Sergio
; APPLICANT: Belosludtsev, Yuri
; APPLICANT: Powdrill, Tom
; APPLICANT: Mitra, Rahul
; TITLE OF INVENTION: METHODS AND DEVICES BASED UPON A NOVEL
; FILE REFERENCE: AP34457 00A146.0162
; CURRENT APPLICATION NUMBER: US/10/193,938
; CURRENT FILING DATE: 2002-07-11
; PRIOR APPLICATION NUMBER: 60/304,500
; PRIOR FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide mt-12-s
US-10-193-938-8
Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 57;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAG 22
DB 11 TGTAGAGGGC 1

RESULT 101
US-09-912-673A-55
; Sequence 55, Application US/09912673A
; Publication No. US20030186230A1
; GENERAL INFORMATION:
; APPLICANT: Ye, Baogce
; TITLE OF INVENTION: MEDIUM AND LOW DENSITY GENE CHIPS
; FILE REFERENCE: JNB 100
; CURRENT APPLICATION NUMBER: US/09/912,673A
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 55
; LENGTH: 15
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: P(qs)1 DNA probe
US-09-912-673A-55
Query Match 27.1%; Score 7.6; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 82;
Matches 10; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6 CCTACGTGTACAGG 19
DB 2 CCTCCCTGGACAAG 15

RESULT 102
US-09-818-875-2950
; Sequence 2950, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamber, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
```



```

US-10-261-185-2950
; Sequence 2950, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2950
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2950
Query Match 27.1%; Score 7.6; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 91;
Matches 10; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6 CCTACGTGTACAGG 19
DB 3 CCTCCCTGGACAG 16

RESULT 107
US-10-261-185-2951/c
; Sequence 2951, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2951
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2951
Query Match 27.1%; Score 7.6; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 91;
Matches 10; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (7)..(10)
; OTHER INFORMATION: F264
; OTHER INFORMATION: The sequence ACA replaces the sequence GAGAG.46bp.CGTC
US-10-146-503-73

Query Match      25.7%; Score 7.2; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 94;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 11 GTGTACAGGAG 22
    |||||
Db 3 GTGCACATGGG 14

RESULT 110
US-09-504-231A-319/c
; Sequence 319, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: JPI 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 319
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-319

Query Match      25.7%; Score 7.2; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 94;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 15 ACAGGGAGTCCA 26
    |||||
Db 13 ACCTGGACTCCA 2

RESULT 111
US-09-274-553D-319/c
; Sequence 319, Application US/09274553D
; Patent No. US2002008225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: JPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
```

```
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 319
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-319

Query Match      25.7%; Score 7.2; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 94;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 15 ACAGGGAGTCCA 26
    |||||
Db 13 ACCTGGACTCCA 2

RESULT 112
US-10-159-856-39
; Sequence 39, Application US/10159856
; Publication No. US20030228689A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXP
; FILE REFERENCE: RTS-0365
; CURRENT APPLICATION NUMBER: US/10/159,856
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-856-39

Query Match      25.7%; Score 7.2; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 1e+02;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 8 TACGTGTACAGG 19
    |||||
Db 2 TCCCTGTACAG 13

RESULT 113
US-10-159-856-105/c
; Sequence 105, Application US/10159856
; Publication No. US20030228689A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXP
; FILE REFERENCE: RTS-0365
; CURRENT APPLICATION NUMBER: US/10/159,856
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-856-105
```

Query Match 25.7%; Score 7.2; DB 1; Length 20;  
Best Local Similarity 75.0%; Pred. No. 1e+02;  
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 8 TACGTGTACAGG 19  
DB 19 TCCGTGTACAG 8

## RESULT 114

US-09-882-945A-275/3  
; Sequence 275, Application US/09882945A  
; Publication No. US20030143535A1  
; GENERAL INFORMATION:  
; APPLICANT: Schlingensiepen, Georg F  
; APPLICANT: Schlingensiepen, Reimar  
; APPLICANT: Schlingensiepen, Karl-Hermann  
; APPLICANT: Göttingen, Wolfgang Brysch  
; TITLE OF INVENTION: A Pharmaceutical Composition  
; TITLE OF INVENTION: Comprising Antisense-Nucleic Acid for Prevention and/or Treatment  
; TITLE OF INVENTION: of Neuronal Injury, Degeneration and Cell Death and for the  
; TITLE OF INVENTION: Treatment of Neoplasms  
; NUMBER OF SEQUENCES: 185  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jacobson, Price, Holman & Stern  
; STREET: 400 Seventh Street, N.W.  
; CITY: Washington, D.C.  
; COUNTRY: U.S.A.  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/591,486B  
; FILING DATE: 11-JAN-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP 93111059.7  
; FILING DATE: 10-JUL-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/EP94/02218  
; FILING DATE: 6-JUL-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Player, William E.  
; REGISTRATION NUMBER: 31,409  
; REFERENCE/DOCKET NUMBER: 10496/P60122  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 638-6666  
; TELEFAX: (202) 393-9350  
; TELEX: RCA 248593 IDEA UR  
; INFORMATION FOR SEQ ID NO: 334:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: unknown  
; TOPOLOGY: unknown  
; MOLECULE TYPE: DNA (genomic)  
; ANTI-SENSE: YES  
US-09-882-945A-275

Query Match 25.0%; Score 7; DB 1; Length 17;  
Best Local Similarity 66.7%; Pred. No. 1e+02;  
Matches 10; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 11 GTGTACAGGAGTCC 25  
DB 15 GTAGACATAGGTCC 1

## RESULT 115

US-09-929-507-19  
; Sequence 19, Application US/09929507  
; Publication No. US20030039976A1  
; GENERAL INFORMATION:  
; APPLICANT: Haef, Lawrence A.  
; TITLE OF INVENTION: Methods For Base Counting  
; FILE REFERENCE: SYP-170  
; CURRENT APPLICATION NUMBER: US/09/929,507  
; CURRENT FILING DATE: 2001-08-14  
; NUMBER OF SEQ ID NOS: 43  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 19  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-09-929-507-19

Query Match 24.3%; Score 6.8; DB 1; Length 12;  
Best Local Similarity 80.0%; Pred. No. 87;  
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGTGTACAGG 19  
DB 2 CCTGGACAGG 11

## RESULT 116

US-09-929-507-19

## US-08-591-486B-164

; Sequence 164, Application US/08591486B  
; Publication No. US20020037866A1  
; GENERAL INFORMATION:  
; APPLICANT: Schlingensiepen, Georg F  
; APPLICANT: Schlingensiepen, Reimar  
; APPLICANT: Schlingensiepen, Karl-Hermann  
; APPLICANT: Göttingen, Wolfgang Brysch  
; TITLE OF INVENTION: A Pharmaceutical Composition  
; TITLE OF INVENTION: Comprising Antisense-Nucleic Acid for Prevention and/or Treatment  
; TITLE OF INVENTION: of Neuronal Injury, Degeneration and Cell Death and for the  
; TITLE OF INVENTION: Treatment of Neoplasms  
; NUMBER OF SEQUENCES: 185  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jacobson, Price, Holman & Stern  
; STREET: 400 Seventh Street, N.W.  
; CITY: Washington, D.C.  
; COUNTRY: U.S.A.  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/591,486B  
; FILING DATE: 11-JAN-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP 93111059.7  
; FILING DATE: 10-JUL-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/EP94/02218  
; FILING DATE: 6-JUL-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Player, William E.  
; REGISTRATION NUMBER: 31,409  
; REFERENCE/DOCKET NUMBER: 10496/P60122  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 638-6666  
; TELEFAX: (202) 393-9350  
; TELEX: RCA 248593 IDEA UR  
; INFORMATION FOR SEQ ID NO: 164:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: unknown  
; TOPOLOGY: unknown  
; MOLECULE TYPE: DNA (genomic)  
; ANTI-SENSE: YES  
US-08-591-486B-164

Query Match 24.3%; Score 6.8; DB 1; Length 14;  
Best Local Similarity 80.0%; Pred. No. 1e+02;  
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGG 20  
DB 4 GTATACAGG 13

## RESULT 117

US-08-983-605-203  
; Sequence 203, Application US/08983605A  
; Publication No. US20020066118A1  
; GENERAL INFORMATION:  
; APPLICANT: Roder, Marion  
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species  
; TITLE OF INVENTION: Triticum Aestivum and Tribe Triticeae and the Use of  
; TITLE OF INVENTION: Said Markers  
; FILE REFERENCE: 2936.10400  
; CURRENT APPLICATION NUMBER: US/08/983,605A  
; CURRENT FILING DATE: 1998-05-01

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; EARLIER APPLICATION NUMBER: DE 195 25 284.5
; EARLIER FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 203
; TYPE: DNA
; ORGANISM: Triticum aestivum
US-08-983-605-203

Query Match      24.3%; Score 6.8; DB 1; Length 19;
Best Local Similarity 80.0%; Pred. No. 1.1e+02;
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7 CTACGTGTAC 16
Db 1 CTCCTGTAC 10

RESULT 118
US-09-930-423-643
; Sequence 643, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 643
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-643

Query Match      23.6%; Score 6.6; DB 1; Length 17;
Best Local Similarity 46.2%; Pred. No. 1.1e+02;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 5 CCTACGTGTACA 17
Db 2 CACUCGUGUACA 14

RESULT 119
US-09-930-423-1045
; Sequence 1045, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1045
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1045

Query Match      23.6%; Score 6.6; DB 1; Length 17;
Best Local Similarity 46.2%; Pred. No. 1.1e+02;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 5 CCTACGTGTACA 17
Db 2 CACUCGUGUACA 14
```

```
Db 4 CACUCGUGUACA 16

RESULT 120
US-09-930-423-1120
; Sequence 1120, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1120
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1120

Query Match      23.6%; Score 6.6; DB 1; Length 17;
Best Local Similarity 46.2%; Pred. No. 1.1e+02;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 5 CCTACGTGTACA 17
Db 1 CACUCGUGUACA 13

RESULT 121
US-09-745-237A-643
; Sequence 643, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 643
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-643

Query Match      23.6%; Score 6.6; DB 1; Length 17;
Best Local Similarity 46.2%; Pred. No. 1.1e+02;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 5 CCTACGTGTACA 17
Db 2 CACUCGUGUACA 14

RESULT 122
US-09-745-237A-1045
; Sequence 1045, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
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; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1045
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1045

Query Match      23.6%; Score 6.6; DB 1; Length 17;
Best Local Similarity 46.2%; Pred. No. 1,1e+02;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy 5 CCTACGTGTACA 17
Db 4 CACUCGCGUACA 16

RESULT 123
US-09-745-237A-1120
; Sequence 1120, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MHB00-318-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1120
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1120

Query Match      23.6%; Score 6.6; DB 1; Length 17;
Best Local Similarity 46.2%; Pred. No. 1,1e+02;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy 5 CCTACGTGTACA 17
Db 1 CACUCGCGUACA 13

RESULT 124
US-10-027-632-176254/c
; Sequence 176254, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 176254
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-176254

Query Match      22.9%; Score 6.4; DB 1; Length 11;
Best Local Similarity 87.5%; Pred. No. 92;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 18 GGGAGTCC 25
Db 10 GGGACTCC 3

RESULT 125
US-10-027-632-176254/c
; Sequence 176254, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 176254
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-176254

Query Match      22.9%; Score 6.4; DB 1; Length 11;
Best Local Similarity 87.5%; Pred. No. 92;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 18 GGGAGTCC 25
Db 10 GGGACTCC 3

RESULT 126
US-10-407-637-20
; Sequence 20, Application US/10407637
; Publication No. US20030194736A1
; GENERAL INFORMATION:
; APPLICANT: Bitinaite, Jurate
; TITLE OF INVENTION: Methods and Compositions For DNA Manipulation
; FILE REFERENCE: NEB-203-US
; CURRENT APPLICATION NUMBER: US/10/407,637
; CURRENT FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: US 60/372,352
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 60/372,675
; PRIOR FILING DATE: 2002-04-15
; PRIOR APPLICATION NUMBER: US 60/421,010
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/ PRIOR FILING DATE: 2002-10-24
/ NUMBER OF SEQ ID NOS: 34
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 20
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: unknown
/ FEATURE:
/ OTHER INFORMATION: mutated pUC19
US-10-407-637-20

Query Match      22.1%; Score 6.2; DB 1; Length 12;
Best Local Similarity 72.7%; Pred.No. 1.1e+02;
Matches 8; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGAG 22
Db 1 TGTACACCTAG 11

RESULT 127
US-09-989-789-2453
/ Sequence 2453, Application US/09989789
/ Patent No. US20020063379A1
/ GENERAL INFORMATION:
/ APPLICANT: LIU, Qiang
/ TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
/ FILE REFERENCE: 8325-0011.20 / S11-US2
/ CURRENT APPLICATION NUMBER: US/09/989,789
/ CURRENT FILING DATE: 2002-03-25
/ NUMBER OF SEQ ID NOS: 4085
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 2453
/ LENGTH: 9
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-989-789-2453

Query Match      21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred.No. 2.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GGGCCC 7
Db 3 GGGCCC 8

RESULT 128
US-09-989-789-2454
/ Sequence 2454, Application US/09989789
/ Patent No. US20020063379A1
/ GENERAL INFORMATION:
/ APPLICANT: LIU, Qiang
/ TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
/ FILE REFERENCE: 8325-0011.20 / S11-US2
/ CURRENT APPLICATION NUMBER: US/09/989,789
/ CURRENT FILING DATE: 2002-03-25
/ NUMBER OF SEQ ID NOS: 4085
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 2454
/ LENGTH: 9
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-989-789-2454

Query Match      21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred.No. 2.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GGGCCC 7
Db 3 GGGCCC 8

RESULT 129
US-09-990-186-2453
/ Sequence 2453, Application US/09990186
/ Publication No. US20030068675A1
/ GENERAL INFORMATION:
/ APPLICANT: LIU, Qiang
/ TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
/ FILE REFERENCE: 8325-0011.21 / S11-US3
/ CURRENT APPLICATION NUMBER: US/09/990,186
/ CURRENT FILING DATE: 2001-11-20
/ NUMBER OF SEQ ID NOS: 4085
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 2453
/ LENGTH: 9
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-990-186-2453

Query Match      21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred.No. 2.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GGGCCC 7
Db 3 GGGCCC 8

RESULT 130
US-09-990-186-2454
/ Sequence 2454, Application US/09990186
/ Publication No. US20030068675A1
/ GENERAL INFORMATION:
/ APPLICANT: LIU, Qiang
/ TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
/ FILE REFERENCE: 8325-0011.21 / S11-US3
/ CURRENT APPLICATION NUMBER: US/09/990,186
/ CURRENT FILING DATE: 2001-11-20
/ NUMBER OF SEQ ID NOS: 4085
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 2454
/ LENGTH: 9
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-990-186-2454

Query Match      21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred.No. 2.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GGGCCC 7
Db 3 GGGCCC 8

RESULT 131
US-09-989-994-2453
```



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; Sequence 2453, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2453
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-994-2453

```

```

Query Match          21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred.No. 2.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2 GGGCCC 7
    |||||
DB 3 GGGCCC 8

```

## RESULT 132

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US-09-989-994-2454
; Sequence 2454, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2454
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-994-2454

```

```

Query Match          21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred.No. 2.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2 GGGCCC 7
    |||||
DB 3 GGGCCC 8

```

```

Search completed: April 19, 2004, 15:10:53
Job time : 0:001 secs

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GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: April 19, 2004, 15:52:36 ; Search time 0.001 Seconds  
(without alignments)  
302.960 Million cell updates/sec

Title: US-10-024-396-3-COPY  
Perfect score: 28  
Sequence: 1 cgggcccacgtgacgggagtcagg 28

Scoring table: IDENTITY NUC  
Gapop 10.0 , Gapext 0.5

Searched: 436 seqs, 5410 residues

Total number of hits satisfying chosen parameters: 872

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 448 summaries

Database : pndb:\*

*Pending - NA - New*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	14.4	51.4	21	US-10-770-726-3802	Sequence 3802, App
C 2	14.2	50.7	19	US-10-697-527-403	Sequence 203, App
C 3	12.2	43.6	17	US-10-807-114-275	Sequence 275, App
C 4	11.2	40.0	16	US-10-767-471-49746	Sequence 49746, A
C 5	11.2	40.0	17	PCT-US03-35876-234	Sequence 234, App
C 6	11.2	40.0	17	PCT-US03-25614-274	Sequence 274, App
C 7	11.2	40.0	17	US-10-708-951-36620	Sequence 36620, A
C 8	11.2	40.0	17	US-10-708-951-45386	Sequence 45386, A
C 9	10.4	37.1	13	US-10-257-017B-300881	Sequence 300881, A
C 10	10.4	37.1	13	US-10-257-017B-37735	Sequence 37735, A
C 11	10.4	37.1	13	US-10-257-017B-37736	Sequence 37736, A
C 12	10.2	36.4	15	US-10-708-951-18728	Sequence 18728, A
C 13	10.2	36.4	15	US-10-708-951-50493	Sequence 50493, A
C 14	9.8	35.0	13	US-10-257-017B-104485	Sequence 104485, A
C 15	9.8	35.0	13	US-10-257-017B-104486	Sequence 104486, A
C 16	9.8	35.0	13	US-10-257-017B-113203	Sequence 113203, A
C 17	9.8	35.0	13	US-10-257-017B-113204	Sequence 113204, A
C 18	9.8	35.0	13	US-10-257-017B-113207	Sequence 113207, A
C 19	9.8	35.0	13	US-10-257-017B-113208	Sequence 113208, A
C 20	9.8	35.0	13	US-10-257-017B-118025	Sequence 118025, A
C 21	9.8	35.0	13	US-10-257-017B-118026	Sequence 118026, A
C 22	9.8	35.0	13	US-10-257-017B-118027	Sequence 118027, A
C 23	9.8	35.0	13	US-10-257-017B-118028	Sequence 118028, A
C 24	9.8	35.0	13	US-10-257-017B-211973	Sequence 211973, A
C 25	9.8	35.0	13	US-10-257-017B-211974	Sequence 211974, A
C 26	9.8	35.0	13	US-10-257-017B-218769	Sequence 218769, A
C 27	9.8	35.0	13	US-10-257-017B-218770	Sequence 218770, A
C 28	9.8	35.0	13	US-10-708-951-23015	Sequence 23015, A
C 29	9.8	35.0	13	US-10-708-951-44513	Sequence 44513, A
C 30	9.4	33.6	12	US-10-257-017B-289495	Sequence 289495, A
C 31	9.4	33.6	12	US-10-257-017B-321794	Sequence 321794, A
C 32	9.4	33.6	12	US-10-257-017B-323349	Sequence 323349, A
C 33	9.4	33.6	12	US-10-257-017B-340417	Sequence 340417, A

C 34	9.4	33.6	12	US-10-257-017B-354020	Sequence 354020, A
C 35	9.4	33.6	13	US-10-257-017B-18279	Sequence 18279, A
C 36	9.4	33.6	13	US-10-257-017B-18280	Sequence 18280, A
C 37	9.4	33.6	13	US-10-257-017B-51415	Sequence 51415, A
C 38	9.4	33.6	13	US-10-257-017B-51416	Sequence 51416, A
C 39	9.4	33.6	13	US-10-257-017B-54467	Sequence 54467, A
C 40	9.4	33.6	13	US-10-257-017B-54468	Sequence 54468, A
C 41	9.4	33.6	13	US-10-257-017B-62123	Sequence 62123, A
C 42	9.4	33.6	13	US-10-257-017B-62124	Sequence 62124, A
C 43	9.4	33.6	13	US-10-257-017B-69541	Sequence 69541, A
C 44	9.4	33.6	13	US-10-257-017B-69542	Sequence 69542, A
C 45	9.4	33.6	13	US-10-257-017B-119279	Sequence 119279, A
C 46	9.4	33.6	13	US-10-257-017B-119280	Sequence 119280, A
C 47	9.4	33.6	13	US-10-257-017B-125733	Sequence 125733, A
C 48	9.4	33.6	13	US-10-257-017B-125734	Sequence 125734, A
C 49	9.4	33.6	13	US-10-257-017B-144691	Sequence 144691, A
C 50	9.4	33.6	13	US-10-257-017B-144692	Sequence 144692, A
C 51	9.4	33.6	13	US-10-257-017B-163813	Sequence 163813, A
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C 53	9.4	33.6	13	US-10-257-017B-171703	Sequence 171703, A
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C 59	9.4	33.6	13	US-10-257-017B-242635	Sequence 242635, A
C 60	9.4	33.6	13	US-10-257-017B-242636	Sequence 242636, A
C 61	9.4	33.6	13	US-10-257-017B-242813	Sequence 242813, A
C 62	9.4	33.6	13	US-10-257-017B-242814	Sequence 242814, A
C 63	9.4	33.6	13	US-10-257-017B-247529	Sequence 247529, A
C 64	9.4	33.6	13	US-10-257-017B-247530	Sequence 247530, A
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C 66	9.2	32.9	14	US-10-708-951-41070	Sequence 41070, A
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C 69	9	32.1	13	US-10-257-017B-90253	Sequence 90253, A
C 70	9	32.1	13	US-10-257-017B-90254	Sequence 90254, A
C 71	9	32.1	13	US-10-257-017B-90254	Sequence 90254, A
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C 83	8.8	31.4	12	US-10-257-017B-284546	Sequence 284546, A
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OM nucleic - nucleic search, using sw model

Run on: April 19, 2004, 15:52:36 ; Search time 0.001 Seconds  
(without alignments)  
302.960 Million cell updates

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Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 448 summaries

Database : pndb:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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C 4	11.2	40.0	16	1	US-10-767-471-49746		Sequence 49746, A
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C 6	11.2	40.0	17	1	PCT-US03-25614-274		Sequence 274, App
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C 33	9.4	33.6	12	1	US-10-257-017B-340417		Sequence 340417, A

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C 108	8.8	31.4	13	1	US-10-257-017B-37732	Sequence 37732, A	181	8.8	31.4	13	1	US-10-257-017B-213909	Sequence 213909,
C 109	8.8	31.4	13	1	US-10-257-017B-37733	Sequence 37733, A	182	8.8	31.4	13	1	US-10-257-017B-230545	Sequence 230545,
C 110	8.8	31.4	13	1	US-10-257-017B-37738	Sequence 37738, A	183	8.8	31.4	13	1	US-10-257-017B-230546	Sequence 230546,
C 111	8.8	31.4	13	1	US-10-257-017B-37741	Sequence 37741, A	184	8.8	31.4	13	1	US-10-257-017B-230559	Sequence 230559,
C 112	8.8	31.4	13	1	US-10-257-017B-37742	Sequence 37742, A	185	8.8	31.4	13	1	US-10-257-017B-230560	Sequence 230560,
C 113	8.8	31.4	13	1	US-10-257-017B-37821	Sequence 37821, A	186	8.8	31.4	13	1	US-10-257-017B-235405	Sequence 235405,
C 114	8.8	31.4	13	1	US-10-257-017B-37822	Sequence 37822, A	187	8.8	31.4	13	1	US-10-257-017B-235406	Sequence 235406,
C 115	8.8	31.4	13	1	US-10-257-017B-37823	Sequence 37823, A	188	8.8	31.4	13	1	US-10-257-017B-237085	Sequence 237085,
C 116	8.8	31.4	13	1	US-10-257-017B-43407	Sequence 43407, A	189	8.8	31.4	13	1	US-10-257-017B-237086	Sequence 237086,
C 117	8.8	31.4	13	1	US-10-257-017B-43408	Sequence 43408, A	190	8.8	31.4	13	1	US-10-257-017B-243755	Sequence 243755,
C 118	8.8	31.4	13	1	US-10-257-017B-49821	Sequence 49821, A	191	8.8	31.4	13	1	US-10-257-017B-243756	Sequence 243756,
C 119	8.8	31.4	13	1	US-10-257-017B-49822	Sequence 49822, A	192	8.8	31.4	13	1	US-10-257-017B-248397	Sequence 248397,
C 120	8.8	31.4	13	1	US-10-257-017B-50885	Sequence 50885, A	193	8.8	31.4	13	1	US-10-257-017B-248398	Sequence 248398,
C 121	8.8	31.4	13	1	US-10-257-017B-50886	Sequence 50886, A	194	8.8	31.4	13	1	US-10-257-017B-264039	Sequence 264039,
C 122	8.8	31.4	13	1	US-10-257-017B-56503	Sequence 56503, A	195	8.8	31.4	13	1	US-10-257-017B-264040	Sequence 264040,
C 123	8.8	31.4	13	1	US-10-257-017B-56504	Sequence 56504, A	196	8.8	31.4	13	1	US-10-257-017B-265541	Sequence 265541,
C 124	8.8	31.4	13	1	US-10-257-017B-57889	Sequence 57889, A	197	8.8	31.4	13	1	US-10-257-017B-265542	Sequence 265542,
C 125	8.8	31.4	13	1	US-10-257-017B-57890	Sequence 57890, A	198	8.8	31.4	13	1	US-10-257-017B-285542	Sequence 285542,
C 126	8.8	31.4	13	1	US-10-257-017B-59517	Sequence 59517, A	199	8.8	31.4	13	1	US-10-708-351-18936	Sequence 18936, A
C 127	8.8	31.4	13	1	US-10-257-017B-59518	Sequence 59518, A	200	8.8	31.4	13	1	US-10-708-351-20084	Sequence 20084, A
C 128	8.8	31.4	13	1	US-10-257-017B-60715	Sequence 60715, A	201	8.8	31.4	13	1	US-10-708-351-46287	Sequence 46287, A
C 129	8.8	31.4	13	1	US-10-257-017B-60716	Sequence 60716, A	202	8.6	30.7	13	1	US-10-708-351-47407	Sequence 47407, A
C 130	8.8	31.4	13	1	US-10-257-017B-60717	Sequence 60717, A	203	8.6	30.7	13	1	US-10-257-017B-1623	Sequence 1623, Ap
C 131	8.8	31.4	13	1	US-10-257-017B-60718	Sequence 60718, A	204	8.6	30.7	13	1	US-10-257-017B-1624	Sequence 1624, Ap
C 132	8.8	31.4	13	1	US-10-257-017B-62985	Sequence 62985, A	205	8.6	30.7	13	1	US-10-257-017B-9229	Sequence 9229, Ap
C 133	8.8	31.4	13	1	US-10-257-017B-62986	Sequence 62986, A	206	8.6	30.7	13	1	US-10-257-017B-9230	Sequence 9230, Ap
C 134	8.8	31.4	13	1	US-10-257-017B-62987	Sequence 62987, A	207	8.6	30.7	13	1	US-10-257-017B-35501	Sequence 35501, A
C 135	8.8	31.4	13	1	US-10-257-017B-62988	Sequence 62988, A	208	8.6	30.7	13	1	US-10-257-017B-61881	Sequence 61881, A
C 136	8.8	31.4	13	1	US-10-257-017B-64873	Sequence 64873, A	209	8.6	30.7	13	1	US-10-257-017B-61882	Sequence 61882, A
C 137	8.8	31.4	13	1	US-10-257-017B-64874	Sequence 64874, A	210	8.6	30.7	13	1	US-10-257-017B-120733	Sequence 120733,
C 138	8.8	31.4	13	1	US-10-257-017B-64875	Sequence 64875, A	211	8.6	30.7	13	1	US-10-257-017B-120734	Sequence 120734,
C 139	8.8	31.4	13	1	US-10-257-017B-64876	Sequence 64876, A	212	8.6	30.7	13	1	US-10-257-017B-127731	Sequence 127731,
C 140	8.8	31.4	13	1	US-10-257-017B-76153	Sequence 76153, A	213	8.6	30.7	13	1	US-10-257-017B-127732	Sequence 127732,
C 141	8.8	31.4	13	1	US-10-257-017B-76154	Sequence 76154, A	214	8.6	30.7	13	1	US-10-257-017B-184327	Sequence 184327,
C 142	8.8	31.4	13	1	US-10-257-017B-85943	Sequence 85943, A	215	8.6	30.7	13	1	US-10-257-017B-184328	Sequence 184328,
C 143	8.8	31.4	13	1	US-10-257-017B-85944	Sequence 85944, A	216	8.6	30.7	13	1	US-10-257-017B-195259	Sequence 195259,
C 144	8.8	31.4	13	1	US-10-257-017B-120033	Sequence 120033, A	217	8.6	30.7	13	1	US-10-257-017B-195260	Sequence 195260,
C 145	8.8	31.4	13	1	US-10-257-017B-120034	Sequence 120034, A	218	8.6	30.7	13	1	US-10-257-017B-201249	Sequence 201249,
C 146	8.8	31.4	13	1	US-10-257-017B-121567	Sequence 121567, A	219	8.6	30.7	13	1	US-10-257-017B-201250	Sequence 201250,
C 147	8.8	31.4	13	1	US-10-257-017B-136725	Sequence 136725, A	220	8.6	30.7	13	1	US-10-257-017B-264339	Sequence 264339,
C 148	8.8	31.4	13	1	US-10-257-017B-136726	Sequence 136726, A	221	8.4	30.0	10	1	US-10-257-017B-264340	Sequence 264340,
C 149	8.8	31.4	13	1	US-10-257-017B-136727	Sequence 136727, A	222	8.4	30.0	10	1	PCT-US03-25614-123	Sequence 123, App
C 150	8.8	31.4	13	1	US-10-257-017B-136728	Sequence 136728, A	223	8.4	30.0	10	1	PCT-US03-25614-560	Sequence 560, App
C 151	8.8	31.4	13	1	US-10-257-017B-140371	Sequence 140371, A	224	8.4	30.0	10	1	PCT-US03-25614-776	Sequence 776, App
C 152	8.8	31.4	13	1	US-10-257-017B-140372	Sequence 140372, A	225	8.4	30.0	11	1	PCT-US03-25614-31338	Sequence 31338, A
C 153	8.8	31.4	13	1	US-10-257-017B-159319	Sequence 159319, A	226	8.4	30.0	12	1	US-10-708-351-49226	Sequence 49226, A
C 154	8.8	31.4	13	1	US-10-257-017B-159320	Sequence 159320, A	227	8.4	30.0	12	1	US-10-451-323-4	Sequence 4, Appl1
C 155	8.8	31.4	13	1	US-10-257-017B-160513	Sequence 160513, A	228	8.4	30.0	12	1	US-10-257-017B-271313	Sequence 271313,
C 156	8.8	31.4	13	1	US-10-257-017B-160514	Sequence 160514, A	229	8.4	30.0	12	1	US-10-257-017B-273943	Sequence 273943,
C 157	8.8	31.4	13	1	US-10-257-017B-160515	Sequence 160515, A	230	8.4	30.0	12	1	US-10-257-017B-274507	Sequence 274507,
C 158	8.8	31.4	13	1	US-10-257-017B-160516	Sequence 160516, A	231	8.4	30.0	12	1	US-10-257-017B-276567	Sequence 276567,
C 159	8.8	31.4	13	1	US-10-257-017B-174649	Sequence 174649, A	232	8.4	30.0	12	1	US-10-257-017B-279172	Sequence 279172,
C 160	8.8	31.4	13	1	US-10-257-017B-174650	Sequence 174650, A	233	8.4	30.0	12	1	US-10-257-017B-285333	Sequence 285333,
C 161	8.8	31.4	13	1	US-10-257-017B-177237	Sequence 177237, A	234	8.4	30.0	12	1	US-10-257-017B-285335	Sequence 285335,
C 162	8.8	31.4	13	1	US-10-257-017B-177238	Sequence 177238, A	235	8.4	30.0	12	1	US-10-257-017B-287299	Sequence 287299,
C 163	8.8	31.4	13	1	US-10-257-017B-182915	Sequence 182915, A	236	8.4	30.0	12	1	US-10-257-017B-298417	Sequence 298417,
C 164	8.8	31.4	13	1	US-10-257-017B-182916	Sequence 182916, A	237	8.4	30.0	12	1	US-10-257-017B-299127	Sequence 299127,
C 165	8.8	31.4	13	1	US-10-257-017B-187821	Sequence 187821, A	238	8.4	30.0	12	1	US-10-257-017B-306328	Sequence 306328,
C 166	8.8	31.4	13	1	US-10-257-017B-187822	Sequence 187822, A	239	8.4	30.0	12	1	US-10-257-017B-306922	Sequence 306922,
C 167	8.8	31.4	13	1	US-10-257-017B-187823	Sequence 187823, A	240	8.4	30.0	12	1	US-10-257-017B-307001	Sequence 307001,
C 168	8.8	31.4	13	1	US-10-257-017B-187824	Sequence 187824, A	241	8.4	30.0	12	1	US-10-257-017B-310678	Sequence 310678,
C 169	8.8	31.4	13	1	US-10-257-017B-187825	Sequence 187825, A	242	8.4	30.0	12	1	US-10-257-017B-316249	Sequence 316249,
C 170	8.8	31.4	13	1	US-10-257-017B-187826	Sequence 187826, A	243	8.4	30.0	12	1	US-10-257-017B-322664	Sequence 322664,
C 171	8.8	31.4	13	1	US-10-257-017B-187827	Sequence 187827, A	244	8.4	30.0	12	1	US-10-257-017B-322883	Sequence 322883,
C 172	8.8	31.4	13	1	US-10-257-017B-189995	Sequence 189995, A	245	8.4	30.0	12	1	US-10-257-017B-324364	Sequence 324364,
C 173	8.8	31.4	13	1	US-10-257-017B-189996	Sequence 189996, A	246	8.4	30.0	12	1	US-10-257-017B-325195	Sequence 325195,
C 174	8.8	31.4	13	1	US-10-257-017B-191399	Sequence 191399, A	247	8.4	30.0	12	1	US-10-257-017B-325781	Sequence 325781,
C 175	8.8	31.4	13	1	US-10-257-017B-191300	Sequence 191300, A	248	8.4	30.0	12	1	US-10-257-017B-330044	Sequence 330044,
C 176	8.8	31.4	13	1	US-10-257-017B-197833	Sequence 197833, A	249	8.4	30.0	12	1	US-10-257-017B-335793	Sequence 335793,
C 177	8.8	31.4	13	1	US-10-257-017B-211971	Sequence 211971, A	250	8.4	30.0	12	1	US-10-257-017B-337211	Sequence 337211,
C 178	8.8	31.4	13	1	US-10-257-017B-211972	Sequence 211972, A	251	8.4	30.0	12	1	US-10-257-017B-351656	Sequence 351656,
C 179	8.8	31.4	13	1	US-10-257-017B-313907	Sequence 313907, A	252	8.4	30.0	12	1	US-10-257-017B-363481	Sequence 363481,

C 253	8.4	30.0	12	1	US-10-257-017B-365099	Sequence 365099,	326	7.8	27.9	12	1	US-10-257-017B-301686	Sequence 301686,
C 254	8.4	30.0	12	1	US-10-257-017B-365773	Sequence 365773,	C 327	7.8	27.9	12	1	US-10-257-017B-302468	Sequence 302468,
C 255	8.4	30.0	12	1	US-10-257-017B-377335	Sequence 377335,	C 328	7.8	27.9	12	1	US-10-257-017B-303184	Sequence 303184,
C 256	8.4	30.0	12	1	US-10-708-951-22469	Sequence 22469, A	C 329	7.8	27.9	12	1	US-10-257-017B-303979	Sequence 303979,
C 257	8.4	30.0	12	1	US-10-708-951-31339	Sequence 31339, A	C 330	7.8	27.9	12	1	US-10-257-017B-304190	Sequence 304190,
C 258	8.4	30.0	12	1	US-10-708-951-47233	Sequence 47233, A	C 331	7.8	27.9	12	1	US-10-257-017B-304237	Sequence 304237,
C 259	8.4	30.0	12	1	US-10-708-951-49227	Sequence 49227, A	C 332	7.8	27.9	12	1	US-10-257-017B-306314	Sequence 306314,
C 260	8	28.6	10	1	PRT-US03-28614-246	Sequence 246, App	C 333	7.8	27.9	12	1	US-10-257-017B-306426	Sequence 306426,
C 261	8	28.6	12	1	US-10-257-017B-270228	Sequence 270228,	C 334	7.8	27.9	12	1	US-10-257-017B-307592	Sequence 307592,
C 262	8	28.6	12	1	US-10-257-017B-273565	Sequence 273565,	C 335	7.8	27.9	12	1	US-10-257-017B-308044	Sequence 308044,
C 263	8	28.6	12	1	US-10-257-017B-276700	Sequence 276700,	C 336	7.8	27.9	12	1	US-10-257-017B-310519	Sequence 310519,
C 264	8	28.6	12	1	US-10-257-017B-281698	Sequence 281698,	C 337	7.8	27.9	12	1	US-10-257-017B-311141	Sequence 311141,
C 265	8	28.6	12	1	US-10-257-017B-285822	Sequence 285822,	C 338	7.8	27.9	12	1	US-10-257-017B-312368	Sequence 312368,
C 266	8	28.6	12	1	US-10-257-017B-286347	Sequence 286347,	C 339	7.8	27.9	12	1	US-10-257-017B-312431	Sequence 312431,
C 267	8	28.6	12	1	US-10-257-017B-289277	Sequence 289277,	C 340	7.8	27.9	12	1	US-10-257-017B-312436	Sequence 312436,
C 268	8	28.6	12	1	US-10-257-017B-292479	Sequence 292479,	C 341	7.8	27.9	12	1	US-10-257-017B-313033	Sequence 313033,
C 269	8	28.6	12	1	US-10-257-017B-293614	Sequence 293614,	C 342	7.8	27.9	12	1	US-10-257-017B-313423	Sequence 313423,
C 270	8	28.6	12	1	US-10-257-017B-295535	Sequence 295535,	C 343	7.8	27.9	12	1	US-10-257-017B-313479	Sequence 313479,
C 271	8	28.6	12	1	US-10-257-017B-295537	Sequence 295537,	C 344	7.8	27.9	12	1	US-10-257-017B-314459	Sequence 314459,
C 272	8	28.6	12	1	US-10-257-017B-297053	Sequence 297053,	C 345	7.8	27.9	12	1	US-10-257-017B-315082	Sequence 315082,
C 273	8	28.6	12	1	US-10-257-017B-306721	Sequence 306721,	C 346	7.8	27.9	12	1	US-10-257-017B-316198	Sequence 316198,
C 274	8	28.6	12	1	US-10-257-017B-310676	Sequence 310676,	C 347	7.8	27.9	12	1	US-10-257-017B-317153	Sequence 317153,
C 275	8	28.6	12	1	US-10-257-017B-313383	Sequence 313383,	C 348	7.8	27.9	12	1	US-10-257-017B-317890	Sequence 317890,
C 276	8	28.6	12	1	US-10-257-017B-313957	Sequence 313957,	C 349	7.8	27.9	12	1	US-10-257-017B-317955	Sequence 317955,
C 277	8	28.6	12	1	US-10-257-017B-313961	Sequence 313961,	C 350	7.8	27.9	12	1	US-10-257-017B-317995	Sequence 317995,
C 278	8	28.6	12	1	US-10-257-017B-316186	Sequence 316186,	C 351	7.8	27.9	12	1	US-10-257-017B-318378	Sequence 318378,
C 279	8	28.6	12	1	US-10-257-017B-328918	Sequence 328918,	C 352	7.8	27.9	12	1	US-10-257-017B-318834	Sequence 318834,
C 280	8	28.6	12	1	US-10-257-017B-356331	Sequence 356331,	C 353	7.8	27.9	12	1	US-10-257-017B-319676	Sequence 319676,
C 281	8	28.6	12	1	US-10-257-017B-356333	Sequence 356333,	C 354	7.8	27.9	12	1	US-10-257-017B-319813	Sequence 319813,
C 282	8	28.6	12	1	US-10-257-017B-356623	Sequence 356623,	C 355	7.8	27.9	12	1	US-10-257-017B-320586	Sequence 320586,
C 283	8	28.6	12	1	US-10-257-017B-359372	Sequence 359372,	C 356	7.8	27.9	12	1	US-10-257-017B-322085	Sequence 322085,
C 284	8	28.6	12	1	US-10-257-017B-362461	Sequence 362461,	C 357	7.8	27.9	12	1	US-10-257-017B-323438	Sequence 323438,
C 285	8	28.6	12	1	US-10-257-017B-363232	Sequence 363232,	C 358	7.8	27.9	12	1	US-10-257-017B-324199	Sequence 324199,
C 286	8	28.6	12	1	US-10-257-017B-375376	Sequence 375376,	C 359	7.8	27.9	12	1	US-10-257-017B-326585	Sequence 326585,
C 287	8	28.6	12	1	US-10-257-017B-376075	Sequence 376075,	C 360	7.8	27.9	12	1	US-10-257-017B-326589	Sequence 326589,
C 288	7.8	27.9	11	1	US-10-708-951-20987	Sequence 20987, A	C 361	7.8	27.9	12	1	US-10-257-017B-327497	Sequence 327497,
C 289	7.8	27.9	11	1	US-10-708-951-41059	Sequence 41059, A	C 362	7.8	27.9	12	1	US-10-257-017B-328297	Sequence 328297,
C 290	7.8	27.9	12	1	US-10-257-017B-318372	Sequence 318372,	C 363	7.8	27.9	12	1	US-10-257-017B-328727	Sequence 328727,
C 291	7.8	27.9	12	1	US-10-257-017B-323347	Sequence 323347,	C 364	7.8	27.9	12	1	US-10-257-017B-328728	Sequence 328728,
C 292	7.8	27.9	12	1	US-10-257-017B-267366	Sequence 267366,	C 365	7.8	27.9	12	1	US-10-257-017B-329472	Sequence 329472,
C 293	7.8	27.9	12	1	US-10-257-017B-267405	Sequence 267405,	C 366	7.8	27.9	12	1	US-10-257-017B-329506	Sequence 329506,
C 294	7.8	27.9	12	1	US-10-257-017B-271559	Sequence 271559,	C 367	7.8	27.9	12	1	US-10-257-017B-329543	Sequence 329543,
C 295	7.8	27.9	12	1	US-10-257-017B-272595	Sequence 272595,	C 368	7.8	27.9	12	1	US-10-257-017B-329588	Sequence 329588,
C 296	7.8	27.9	12	1	US-10-257-017B-273652	Sequence 273652,	C 369	7.8	27.9	12	1	US-10-257-017B-330374	Sequence 330374,
C 297	7.8	27.9	12	1	US-10-257-017B-274023	Sequence 274023,	C 370	7.8	27.9	12	1	US-10-257-017B-330436	Sequence 330436,
C 298	7.8	27.9	12	1	US-10-257-017B-274503	Sequence 274503,	C 371	7.8	27.9	12	1	US-10-257-017B-335291	Sequence 335291,
C 299	7.8	27.9	12	1	US-10-257-017B-276361	Sequence 276361,	C 372	7.8	27.9	12	1	US-10-257-017B-335891	Sequence 335891,
C 300	7.8	27.9	12	1	US-10-257-017B-276730	Sequence 276730,	C 373	7.8	27.9	12	1	US-10-257-017B-336406	Sequence 336406,
C 301	7.8	27.9	12	1	US-10-257-017B-276730	Sequence 276730,	C 374	7.8	27.9	12	1	US-10-257-017B-338282	Sequence 338282,
C 302	7.8	27.9	12	1	US-10-257-017B-279384	Sequence 279384,	C 375	7.8	27.9	12	1	US-10-257-017B-339067	Sequence 339067,
C 303	7.8	27.9	12	1	US-10-257-017B-281216	Sequence 281216,	C 376	7.8	27.9	12	1	US-10-257-017B-339453	Sequence 339453,
C 304	7.8	27.9	12	1	US-10-257-017B-281358	Sequence 281358,	C 377	7.8	27.9	12	1	US-10-257-017B-340416	Sequence 340416,
C 305	7.8	27.9	12	1	US-10-257-017B-281982	Sequence 281982,	C 378	7.8	27.9	12	1	US-10-257-017B-342694	Sequence 342694,
C 306	7.8	27.9	12	1	US-10-257-017B-283061	Sequence 283061,	C 379	7.8	27.9	12	1	US-10-257-017B-344766	Sequence 344766,
C 307	7.8	27.9	12	1	US-10-257-017B-284182	Sequence 284182,	C 380	7.8	27.9	12	1	US-10-257-017B-345269	Sequence 345269,
C 308	7.8	27.9	12	1	US-10-257-017B-285439	Sequence 285439,	C 381	7.8	27.9	12	1	US-10-257-017B-345269	Sequence 345269,
C 309	7.8	27.9	12	1	US-10-257-017B-285439	Sequence 285439,	C 382	7.8	27.9	12	1	US-10-257-017B-346722	Sequence 346722,
C 310	7.8	27.9	12	1	US-10-257-017B-286373	Sequence 286373,	C 383	7.8	27.9	12	1	US-10-257-017B-347124	Sequence 347124,
C 311	7.8	27.9	12	1	US-10-257-017B-288444	Sequence 288444,	C 384	7.8	27.9	12	1	US-10-257-017B-347254	Sequence 347254,
C 312	7.8	27.9	12	1	US-10-257-017B-289636	Sequence 289636,	C 385	7.8	27.9	12	1	US-10-257-017B-349585	Sequence 349585,
C 313	7.8	27.9	12	1	US-10-257-017B-289720	Sequence 289720,	C 386	7.8	27.9	12	1	US-10-257-017B-351620	Sequence 351620,
C 314	7.8	27.9	12	1	US-10-257-017B-292908	Sequence 292908,	C 387	7.8	27.9	12	1	US-10-257-017B-351903	Sequence 351903,
C 315	7.8	27.9	12	1	US-10-257-017B-293737	Sequence 293737,	C 388	7.8	27.9	12	1	US-10-257-017B-352705	Sequence 352705,
C 316	7.8	27.9	12	1	US-10-257-017B-294482	Sequence 294482,	C 389	7.8	27.9	12	1	US-10-257-017B-354546	Sequence 354546,
C 317	7.8	27.9	12	1	US-10-257-017B-295634	Sequence 295634,	C 390	7.8	27.9	12	1	US-10-257-017B-354916	Sequence 354916,
C 318	7.8	27.9	12	1	US-10-257-017B-296575	Sequence 296575,	C 391	7.8	27.9	12	1	US-10-257-017B-355436	Sequence 355436,
C 319	7.8	27.9	12	1	US-10-257-017B-298605	Sequence 298605,	C 392	7.8	27.9	12	1	US-10-257-017B-357410	Sequence 357410,
C 320	7.8	27.9	12	1	US-10-257-017B-298607	Sequence 298607,	C 393	7.8	27.9	12	1	US-10-257-017B-359423	Sequence 359423,
C 321	7.8	27.9	12	1	US-10-257-017B-299134	Sequence 299134,	C 394	7.8	27.9	12	1	US-10-257-017B-360057	Sequence 360057,
C 322	7.8	27.9	12	1	US-10-257-017B-299789	Sequence 299789,	C 395	7.8	27.9	12	1	US-10-257-017B-360925	Sequence 360925,
C 323	7.8	27.9	12	1	US-10-257-017B-300065	Sequence 300065,	C 396	7.8	27.9	12	1	US-10-257-017B-361219	Sequence 361219,
C 324	7.8	27.9	12	1	US-10-257-017B-300067	Sequence 300067,	C 397	7.8	27.9	12	1	US-10-257-017B-361219	Sequence 361219,
C 325	7.8	27.9	12	1	US-10-257-017B-300705	Sequence 300705,	C 398	7.8	27.9	12	1	US-10-257-017B-364211	Sequence 364211,

399 7.8 27.9 12 1 US-10-257-017B-366438  
 400 7.8 27.9 12 1 US-10-257-017B-368188  
 c 401 7.8 27.9 12 1 US-10-257-017B-368694  
 402 7.8 27.9 12 1 US-10-257-017B-369019  
 403 7.8 27.9 12 1 US-10-257-017B-370020  
 404 7.8 27.9 12 1 US-10-257-017B-370243  
 c 405 7.8 27.9 12 1 US-10-257-017B-370656  
 406 7.8 27.9 12 1 US-10-257-017B-371290  
 c 407 7.8 27.9 12 1 US-10-257-017B-372617  
 c 408 7.8 27.9 12 1 US-10-257-017B-374440  
 c 409 7.8 27.9 12 1 US-10-257-017B-375026  
 c 410 7.8 27.9 12 1 US-10-257-017B-376374  
 c 411 7.8 27.9 12 1 US-10-257-017B-377645  
 c 412 7.8 27.9 12 1 US-10-257-017B-380460  
 c 413 7.8 27.9 12 1 US-10-257-017B-380651  
 c 414 7.8 27.9 12 1 US-10-257-017B-381145  
 c 415 7.8 27.9 12 1 US-10-661-165-485  
 c 416 7.8 27.9 12 1 US-10-708-951-20224  
 c 417 7.8 27.9 12 1 US-10-708-951-21117  
 c 418 7.8 27.9 12 1 US-10-708-951-41057  
 c 419 7.8 27.9 12 1 US-10-708-951-43375  
 420 7.8 27.9 13 1 US-10-257-017B-118027  
 c 421 7.8 27.9 13 1 US-10-257-017B-118028  
 c 422 7.8 27.9 13 1 US-10-257-017B-119279  
 c 423 7.8 27.9 13 1 US-10-257-017B-119279  
 424 7.8 27.9 13 1 US-10-257-017B-119279  
 c 425 7.8 27.9 13 1 US-10-257-017B-144691  
 c 426 7.8 27.9 13 1 US-10-257-017B-144692  
 427 7.8 27.9 13 1 US-10-257-017B-136727  
 428 7.4 26.4 10 1 PCT-US02-31548A-28  
 429 7.4 26.4 10 1 PCT-US02-31548A-38  
 430 7.4 26.4 10 1 PCT-US03-25614-19  
 431 7.4 26.4 10 1 PCT-US03-25614-20  
 c 432 7.4 26.4 10 1 PCT-US03-25614-188  
 c 433 7.4 26.4 10 1 PCT-US03-25614-754  
 c 434 7.4 26.4 10 1 US-09-701-545-211  
 c 435 7.4 26.4 10 1 US-09-701-545-273  
 436 7.4 26.4 10 1 US-10-626-905-38  
 437 7.4 26.4 10 1 US-10-626-905-38  
 438 7.4 26.4 10 1 US-10-263-330A-28  
 439 7.4 26.4 10 1 US-10-263-330A-38  
 440 7.4 26.4 10 1 US-10-816-079-20  
 c 441 7.4 26.4 11 1 PCT-US03-38234A-36  
 442 7.4 26.4 11 1 PCT-US03-38234A-36  
 c 443 7.4 26.4 11 1 US-09-988-482-55  
 c 444 7.4 26.4 11 1 US-10-070-587C-100  
 c 445 7.4 26.4 11 1 US-10-070-587C-101  
 c 446 7.4 26.4 11 1 US-10-801-994-15  
 447 7.4 26.4 11 1 US-10-708-951-22468  
 448 7.4 26.4 11 1 US-10-708-951-40892

ALIGNMENTS

RESULT 1  
 US-10-770-726-3802/c  
 ; Sequence 3802, Application US/10770726  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wyeth  
 ; APPLICANT: Brown, Eugene  
 ; APPLICANT: Liu, Wei  
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING  
 ; FILE OF INVENTION: CANCERS  
 ; FILE REFERENCE: AM101079 (031896-010000)  
 ; CURRENT APPLICATION NUMBER: US/10/770,726  
 ; CURRENT FILING DATE: 2004-02-04  
 ; NUMBER OF SEQ ID NOS: 48640  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 3802  
 ; LENGTH: 21  
 ; TYPE: RNA  
 ; ORGANISM: RNA1

US-10-770-726-3802  
 Query Match 51.4%; Score 14.4; DB 1; Length 21;  
 Best Local Similarity 93.8%; Pred. No. 13;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 8 TAGCTGTACAGGAGT 23  
 |||||  
 Db 19 TAGCTGTACAGGAGT 4  
 |||||  
 RESULT 2  
 US-10-697-527-203/c  
 ; Sequence 203, Application US/10697527  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Roder, Marion  
 ; TITLE OF INVENTION: MICROSATELLITE MARKERS FOR PLANTS OF THE SPECIES TRITICUM AESTIV  
 ; FILE OF INVENTION: GENUS TRITICEAE AND THE USE OF SAID MARKERS  
 ; FILE REFERENCE: US 08/983,605  
 ; CURRENT APPLICATION NUMBER: US/10/697,527  
 ; CURRENT FILING DATE: 2003-10-30  
 ; PRIOR APPLICATION NUMBER: PCT/DE96/01185  
 ; PRIOR FILING DATE: 1996-06-27  
 ; PRIOR APPLICATION NUMBER: DE 195 25 284.5  
 ; PRIOR FILING DATE: 1995-06-28  
 ; NUMBER OF SEQ ID NOS: 466  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 203  
 ; LENGTH: 19  
 ; TYPE: DNA  
 ; ORGANISM: Triticum sp.  
 US-10-697-527-203  
 Query Match 50.7%; Score 14.2; DB 1; Length 19;  
 Best Local Similarity 84.2%; Pred. No. 11;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 4 GCCCTACGTGTACAGGAG 22  
 |||||  
 Db 19 GCCCTACGTGTACAGGAG 1  
 |||||  
 RESULT 3  
 US-10-807-114-275  
 ; Sequence 275, Application US/10807114  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Lymanichev, Victor  
 ; APPLICANT: Allawi, Hatim  
 ; APPLICANT: Neri, Bruce  
 ; APPLICANT: Vener, Tatiana  
 ; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites  
 ; FILE REFERENCE: FORS-04586  
 ; CURRENT APPLICATION NUMBER: US/10/807,114  
 ; CURRENT FILING DATE: 2004-03-23  
 ; PRIOR APPLICATION NUMBER: US/09/882,945  
 ; PRIOR FILING DATE: 2001-06-15  
 ; NUMBER OF SEQ ID NOS: 334  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 275  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic  
 US-10-807-114-275  
 Query Match 43.6%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 32;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
 QY 2 GGGCCCTACGTGTACAG 18  
 |||||

```
Db 1 GGACCTATGCTACAG 17

RESULT 4
US-10-767-471-49746/c
; Sequence 49746, Application US/10767471
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: RHEUMATOID ARTHRITIS, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001505
; CURRENT APPLICATION NUMBER: US/10/767,471
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 50231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49746
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-767-471-49746

Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 53;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 13 GTACAGGGAGTCCAGG 28
Db 16 GTACAGGAAGTGGAGG 1

RESULT 5
PCT-US03-35876-234
; Sequence 234, Application PC/TUS0335876
; GENERAL INFORMATION:
; APPLICANT: Sequenom, Inc.
; APPLICANT: Roth, Richard B.
; APPLICANT: Nelson, Matthew Roberts
; APPLICANT: Braun, Andreas
; APPLICANT: Kammerer, Stefan M.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING RISK OF MELANOMA
; TITLE OF INVENTION: AND TREATMENTS THEREOF
; FILE REFERENCE: 524592006140
; CURRENT APPLICATION NUMBER: PCT/US03/35876
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 60/424,475
; PRIOR FILING DATE: 2002-11-06
; PRIOR APPLICATION NUMBER: US 60/489,703
; PRIOR FILING DATE: 2003-07-23
; NUMBER OF SEQ ID NOS: 253
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 234
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
PCT-US03-35876-234

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 62;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 13 GTACAGGGAGTCCAGG 28
Db 1 GTACTGGATTACAGG 16

RESULT 6
PCT-US03-25614-274
; Sequence 274, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University

Db 1 GGACCTATGCTACAG 17

TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 274
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-274

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 62;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 8 TACGTGTACAGGGAGT 23
Db 2 TAAGTGACTGGAAGT 17

RESULT 7
US-10-708-951-36620/c
; Sequence 36620, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36620
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-36620

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 62;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 13 GTACAGGGAGTCCAGG 28
Db 16 GNACAGGTAGACCAGG 1

RESULT 8
US-10-708-951-49386/c
; Sequence 49386, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49386
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-49386

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 62;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 13 CTACAGGAGTCCAGG 28
Db 16 GAACAGGTAGACCAGG 1

RESULT 9
US-10-257-017B-300881/c
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 300881
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0019231
US-10-257-017B-300881

Query Match 37.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 42;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
Db 12 TGTACAGGGAGT 1

RESULT 10
US-10-257-017B-37735
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37735
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37735

Query Match 37.1%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 52;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 TACGTGTACAGG 19
Db 2 TACGTGTATAGG 13

RESULT 11
US-10-257-017B-37736/c
; Sequence 37736, Application US/10257017B

GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
TITLE OF INVENTION: methylation
FILE REFERENCE: E01/1193/WO
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 37736
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37736

Query Match 37.1%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 52;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 TACGTGTACAGG 19
Db 12 TACGTGTATAGG 1

RESULT 12
US-10-708-951-18728/c
; Sequence 18728, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18728
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-18728

Query Match 36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 87;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGGTGTACAGGGAGTC 24
Db 15 CATGTACAGTAAGTC 1

RESULT 13
US-10-708-951-50493/c
; Sequence 50493, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 50493
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-50493
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Query Match      36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.8%; Pred. No. 87;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGTGTACAGGAGTC 24
Db 15 CATGTACAGTAAGTC 1

RESULT 14
US-10-257-017B-104485/c
; Sequence 104485, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 104485
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0026121
US-10-257-017B-104485

Query Match      35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACAGTGTTACA 17
Db 13 CCTACAGTTTACA 1

RESULT 15
US-10-257-017B-104486
; Sequence 104486, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 104486
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0026121
US-10-257-017B-104486

Query Match      35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACAGTGTTACA 17
Db 1 CCTACAGTTTACA 13

RESULT 16
US-10-257-017B-113203/c
; Sequence 113203, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 113203
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0028340
US-10-257-017B-113203

Query Match      35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACAGTGTTACA 17
Db 13 CCTACAGTTTACA 1

RESULT 17
US-10-257-017B-113204
; Sequence 113204, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 113204
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0028340
US-10-257-017B-113204

Query Match      35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACAGTGTTACA 17
Db 1 CCTACAGTTTACA 13

RESULT 18
US-10-257-017B-113207/c
; Sequence 113207, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
```

; TITLE OF INVENTION: methylations  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 113207  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0028340  
US-10-257-017B-113207

Query Match 35.0%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 78;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGCTGTACA 17  
| | | | | | | | | | | | | | |  
Db 13 CCCGACGCTCTACA 1

RESULT 19  
US-10-257-017B-113208  
; Sequence 113208, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 113208  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0028340  
US-10-257-017B-113208

Query Match 35.0%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 78;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGCTGTACA 17  
| | | | | | | | | | | | | | |  
Db 13 CCCGACGCTCTACA 13

RESULT 20  
US-10-257-017B-118025/c  
; Sequence 118025, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 118025  
; LENGTH: 13

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029509  
US-10-257-017B-118025

Query Match 35.0%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 78;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGCTGTACA 17  
| | | | | | | | | | | | | | |  
Db 13 CCCGACGCTCTACA 1

RESULT 21  
US-10-257-017B-118026  
; Sequence 118026, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 118026  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029509  
US-10-257-017B-118026

Query Match 35.0%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 78;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGCTGTACA 17  
| | | | | | | | | | | | | | |  
Db 13 CCCGACGCTCTACA 13

RESULT 22  
US-10-257-017B-118027/c  
; Sequence 118027, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 118027  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029509  
US-10-257-017B-118027

Query Match 35.0%; Score 9.8; DB 1; Length 13;  
Best Local Similarity 84.6%; Pred. No. 78;  
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
QY      5 CCCTACGTTGACA 17
Db      13 CCCTACCTCTACA 1

RESULT 23
US-10-257-017B-118028
; Sequence 118028, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 118028
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0051670
US-10-257-017B-118028

Query Match      35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5 CCCTACGTTGACA 17
Db      1 CCCTACCTCTACA 13

RESULT 24
US-10-257-017B-211973
; Sequence 211973, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 211973
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0051670
US-10-257-017B-211973

Query Match      35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5 CCCTACGTTGACA 17
Db      1 CCCTACCTCTACA 13

RESULT 25
US-10-257-017B-211974/c
; Sequence 211974, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 211974
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0051670
US-10-257-017B-211974

Query Match      35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5 CCCTACGTTGACA 17
Db      13 CCCTACGTTTAAA 1

RESULT 26
US-10-257-017B-218769/c
; Sequence 218769, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 218769
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0053208
US-10-257-017B-218769

Query Match      35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5 CCCTACGTTGACA 17
Db      13 CCCTACGTTTAAA 1

RESULT 27
US-10-257-017B-218770
; Sequence 218770, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 218770
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0053208
US-10-257-017B-218770

Query Match      35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

[illegible]

```
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 323349
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031342
US-10-257-017B-323349

Query Match      33.6%; Score 9.4; DB 1; Length 12;
Best Local Similarity 90.9%; Pred. No. 82;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5 CCTACGCTGA 15
DB 11 CCTACGCTGA 1

RESULT 33
US-10-257-017B-340417
; Sequence 340417, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 340417
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide-Primer
US-10-257-017B-340417

Query Match      33.6%; Score 9.4; DB 1; Length 12;
Best Local Similarity 90.9%; Pred. No. 82;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5 CCTACGCTGA 15
DB 1 CCTACGCTGA 11

RESULT 34
US-10-257-017B-354020/c
; Sequence 354020, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 354020
; LENGTH: 12
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0048852
US-10-257-017B-354020

Query Match      33.6%; Score 9.4; DB 1; Length 12;
Best Local Similarity 90.9%; Pred. No. 82;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACGGGAG 22
DB 11 TGTACGGGAG 1

RESULT 35
US-10-257-017B-18279
; Sequence 18279, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 18279
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0003884
US-10-257-017B-18279

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 TACGTGTACAG 18
DB 3 TACGTGTATAG 13

RESULT 36
US-10-257-017B-18280/c
; Sequence 18280, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 18280
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0003884
US-10-257-017B-18280

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      8 TACGTGTACAG 18
Db      11 TACGTGTATAG 1

RESULT 37
US-10-257-017B-51415
; Sequence 51415, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 51415
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014352
US-10-257-017B-51415

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      13 GTACAGGGAGT 23
Db      2 GTATAGGGAGT 12

RESULT 38
US-10-257-017B-51416/c
; Sequence 51416, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 51416
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014352
US-10-257-017B-51416

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 1; Indels 0; Gaps 0;

QY      13 GTACAGGGAGT 23
Db      12 GTATAGGGAGT 2

RESULT 39
US-10-257-017B-54467/c
; Sequence 54467, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 54467
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014930
US-10-257-017B-54467

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      4 GCCTACGTGTAC 16
Db      13 RCCTACGTATTC 1

RESULT 40
US-10-257-017B-54468
; Sequence 54468, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 54468
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014930
US-10-257-017B-54468

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      4 GCCTACGTGTAC 16
Db      1 RCCTACGTATTC 13

RESULT 41
US-10-257-017B-62123/c
; Sequence 62123, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
```

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; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 62123
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016499
US-10-257-017B-62123

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 0; Gaps 0;

QY      5 CCTACGTGTA 15
        |||||
DB      12 CCTACGTATA 2

RESULT 42
US-10-257-017B-62124
; Sequence 62124, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 62124
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016499
US-10-257-017B-62124

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 0; Gaps 0;

QY      5 CCTACGTGTA 15
        |||||
DB      2 CCTACGTATA 12

RESULT 43
US-10-257-017B-69541/c
; Sequence 69541, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 69541
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0018095
US-10-257-017B-69541

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 0; Gaps 0;

QY      5 CCTACGTGTA 15
        |||||
DB      1 CCTACGTGTA 11

RESULT 44
US-10-257-017B-69542
; Sequence 69542, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 69542
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0018095
US-10-257-017B-69542

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 0; Gaps 0;

QY      5 CCTACGTGTA 15
        |||||
DB      1 CCTACGTGTA 11

RESULT 45
US-10-257-017B-119279/c
; Sequence 119279, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 119279
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029787
US-10-257-017B-119279

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 0; Gaps 0;

QY      7 CTACGTGTACA 17
        |||||
DB      11 CTACGTGTACA 1
```



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RESULT 46
US-10-257-017B-119280
; Sequence 119280, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 119280
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029787
US-10-257-017B-119280
Query Match 33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7 CTACGGTGATCA 17
|||||
Db 3 CTACGGTTTACA 13

RESULT 47
US-10-257-017B-125733
; Sequence 125733, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 125733
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0031438
US-10-257-017B-125733
Query Match 33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 0; Gaps 0;

QY 12 TGTACAGGGAGTC 24
|||||
Db 1 TGTATTGGGAGTY 13

RESULT 48
US-10-257-017B-125734/C
; Sequence 125734, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 125734
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0031438
US-10-257-017B-125734
Query Match 33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 0; Gaps 0;

QY 7 CTACGGTGATCA 17
|||||
Db 11 CTACGGTCTACA 1

RESULT 49
US-10-257-017B-144691/C
; Sequence 144691, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 144691
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0036396
US-10-257-017B-144691
Query Match 33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7 CTACGGTGATCA 17
|||||
Db 11 CTACGGTCTACA 1

RESULT 50
US-10-257-017B-144692
; Sequence 144692, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 144692
```

```
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0036396
US-10-257-017B-144692

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7 CTACGTGTAC 17
    |||||
Db 3 CTACGTCTAC 13

RESULT 51
US-10-257-017B-163813/c
; Sequence 163813, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 163813
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0041149
US-10-257-017B-163813

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 CCTACGTGTAC 16
    |||||
Db 12 CCTACGTCTAC 2

RESULT 52
US-10-257-017B-163814
; Sequence 163814, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 163814
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0041149
US-10-257-017B-163814

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 CCTACGTGTAC 16
    |||||
Db 12 CCTACGTCTAC 2

RESULT 53
US-10-257-017B-171703
; Sequence 171703, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 171703
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0042797
US-10-257-017B-171703

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 CCTACGTGTAC 16
    |||||
Db 2 CCTACGTCTAC 12

RESULT 54
US-10-257-017B-171704/c
; Sequence 171704, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 171704
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0042797
US-10-257-017B-171704

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 GGGAGTCCAGG 28
    |||||
Db 2 GGGAGTCGAGG 12

RESULT 55
US-10-257-017B-201255/c
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```
; Sequence 201255, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 201255
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0049513
US-10-257-017B-201255

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

QY      6 CCTACGTGTAC 16
DB      11 CCTACGTATAC 1

RESULT 56
US-10-257-017B-201256
; Sequence 201256, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 201256
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0049513
US-10-257-017B-201256

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

QY      6 CCTACGTGTAC 16
DB      3 CCTACGTATAC 13

RESULT 57
US-10-257-017B-207243
; Sequence 207243, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 207243
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0007000
US-10-257-017B-207243

Query Match      33.8%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGTC 24
DB      1 TGTAGGGGGAGTY 13

RESULT 58
US-10-257-017B-207244/c
; Sequence 207244, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 207244
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0007000
US-10-257-017B-207244

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGTC 24
DB      13 TGTAGGGGGAGTY 1

RESULT 59
US-10-257-017B-242635/c
; Sequence 242635, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 242635
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0059191
US-10-257-017B-242835

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6 CCTACGTGTAC 16
Db      12 CCTACGTATAC 2

RESULT 60
US-10-257-017B-242636
; Sequence 242636, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 242636
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0059191
US-10-257-017B-242636

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6 CCTACGTGTAC 16
Db      2 CCTACGTATAC 12

RESULT 61
US-10-257-017B-242813/c
; Sequence 242813, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 242813
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0059260
US-10-257-017B-242813

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      4 GCCCTACGTGTAC 16
Db      4 GCCCTACGTGTAC 16

; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0059260
US-10-257-017B-242813

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      4 GCCCTACGTGTAC 16
Db      1 RCCCTACTTATAC 13

; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0059260
US-10-257-017B-242814

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      4 GCCCTACGTGTAC 16
Db      1 RCCCTACTTATAC 13

; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0059260
US-10-257-017B-242814

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      4 GCCCTACGTGTAC 16
Db      1 RCCCTACTTATAC 13

; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0059260
US-10-257-017B-242814

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      4 GCCCTACGTGTAC 16
Db      1 TGTGTAGGGAGTGY 13

; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0060486
US-10-257-017B-247529

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGTGC 24
Db      1 TGTGTAGGGAGTGY 13

; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0060486
US-10-257-017B-247529

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGTGC 24
Db      1 TGTGTAGGGAGTGY 13

; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0059260
US-10-257-017B-242813

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      4 GCCCTACGTGTAC 16
Db      4 GCCCTACGTGTAC 16
```

```
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 247530
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0060486
US-10-257-017B-247530

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 78.9%; Pred. No. 1.e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAGTC 24
Db 13 TGTGTAGGAGT 1

RESULT 65
US-10-708-951-18897/c
; Sequence 18897, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18897
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-18897

Query Match      32.9%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 1.4e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CCGTACAGGGAGT 23
Db 14 CATGTACAGTAAGT 1

RESULT 66
US-10-708-951-41070/c
; Sequence 41070, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41070
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-41070

Query Match      32.9%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 1.4e+02;
```

```
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CCGTACAGGGAGT 23
Db 14 CATGTACAGTAAGT 1

RESULT 67
US-10-257-017B-273569
; Sequence 273569, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosir
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273569
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003234
US-10-257-017B-273569

Query Match      32.1%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTAC 16
Db 3 TACGTGTAC 11

RESULT 68
US-10-257-017B-24117
; Sequence 24117, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosir
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 24117
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005613
US-10-257-017B-24117

Query Match      32.1%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTAC 16
Db 1 TACGTGTAC 9

RESULT 69
US-10-257-017B-24118/c
```

```
; Sequence 24118, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylnations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 24118
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005613
US-10-257-017B-24118

Query Match      32.1%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTAC 16
Db      13 TACGTGTAC 5

RESULT 70
US-10-257-017B-90253
; Sequence 90253, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylnations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 90253
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0022616
US-10-257-017B-90253

Query Match      32.1%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTAC 16
Db      13 TACGTGTAC 5

RESULT 71
US-10-257-017B-90254/c
; Sequence 90254, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylnations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 270959
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002339
US-10-257-017B-270959

Query Match      32.1%; Score 9; DB 1; Length 21;
Best Local Similarity 47.1%; Pred. No. 3.4e+02;
Matches 8; Conservative 4; Mismatches 5; Indels 0; Gaps 0;

QY      7 CTACGTGTACAGGAGT 23
Db      5 CUCCUGUACACGUAAU 21

RESULT 72
US-10-770-726-3802
; Sequence 3802, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATI
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3802
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-770-726-3802

Query Match      32.1%; Score 9; DB 1; Length 21;
Best Local Similarity 47.1%; Pred. No. 3.4e+02;
Matches 8; Conservative 4; Mismatches 5; Indels 0; Gaps 0;

QY      7 CTACGTGTACAGGAGT 23
Db      5 CUCCUGUACACGUAAU 21

RESULT 73
US-10-257-017B-270959/c
; Sequence 270959, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosi
; TITLE OF INVENTION: methylnations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 270959
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002339
US-10-257-017B-270959
```

```
Query Match          31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAGCT 23
DB 12 TGTATGGAGCT 1

RESULT 74
US-10-257-017B-271278
; Sequence 271278, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 271278
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002450
US-10-257-017B-271278

Query Match          31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGGTGATCA 17
DB 1 CCTTCGTATACA 12

RESULT 75
US-10-257-017B-271875
; Sequence 271875, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 271875
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002640
US-10-257-017B-271875

Query Match          31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGGTGATCA 17
DB 1 CCTACGATTACA 12

RESULT 76
US-10-257-017B-272433
; Sequence 272433, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 272433
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003234
US-10-257-017B-272433

Query Match          31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGGTGATCA 17
DB 1 CCTACATATACA 12

RESULT 77
US-10-257-017B-273568/c
; Sequence 273568, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273568
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003234
US-10-257-017B-273568

Query Match          31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGGTGATCA 17
DB 12 CATACGGTGATCA 1

RESULT 78
US-10-257-017B-273571/c
; Sequence 273571, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273571
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003234
US-10-257-017B-273571/c
```

```
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273571
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003234
US-10-257-017B-273571

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6 CCTACGCTGTACA 17
Db      12 CGTACGCGTACA 1

RESULT 79
US-10-257-017B-275449
; Sequence 275449, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 275449
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003897
US-10-257-017B-275449

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGAGT 23
Db      1 TGTTTAGGAGT 12

RESULT 80
US-10-257-017B-279184
; Sequence 279184, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 279184
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC00007020
US-10-257-017B-279184

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6 CCTACGCTGTACA 17
Db      1 CCTACGTTTAAA 12

RESULT 81
US-10-257-017B-281949/c
; Sequence 281949, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 281949
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC00010190
US-10-257-017B-281949

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      17 AGGGAGTCCAGG 28
Db      12 AGGGAGTTAAGG 1

RESULT 82
US-10-257-017B-282227/c
; Sequence 282227, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 282227
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC00010599
US-10-257-017B-282227

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```



[illegible]

```
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 301687
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0019610
US-10-257-017B-301687

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGGTACAGGGA 21
    |||||
Db 1 CGGTATTAGGGA 12

RESULT 88
US-10-257-017B-310827/c
; Sequence 310827, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 310827
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0024134
US-10-257-017B-310827

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
    |||||
Db 12 GTATATAGGGAG 1

RESULT 89
US-10-257-017B-317152/c
; Sequence 317152, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 317152
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0027831
US-10-257-017B-317152
```

```
Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
    |||||
Db 12 TGTAGGGGGAGT 1

RESULT 90
US-10-257-017B-318372
; Sequence 318372, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 318372
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0028620
US-10-257-017B-318372
```

```
Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTGTACA 17
    |||||
Db 1 CCTACCTCTACA 12
```

```
RESULT 91
US-10-257-017B-319794
; Sequence 319794, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 319794
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0029404
US-10-257-017B-319794
```

```
Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGGAGTCCAGG 28
    |||||
Db 1 AGGGATTCCAGG 12
```

;; TITLE OF INVENTION: methylations

;; FILE REFERENCE: E01/1193/WO

;; CURRENT APPLICATION NUMBER: US/10/257,017B

;; CURRENT FILING DATE: 2002-10-07

;; PRIOR APPLICATION NUMBER: DE 10019173.8

;; PRIOR FILING DATE: 2000-04-07

;; NUMBER OF SEQ ID NOS: 382046

;; SEQ ID NO 328296

;; LENGTH: 12

;; TYPE: DNA

;; ORGANISM: Artificial Sequence

;; FEATURE:

;; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034221

US-10-257-017B-328296

Query Match 31.4%; Score 8.8; DB 1; Length 12;

Best Local Similarity 83.3%; Pred. No. 1.2e+02;

Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAGT 23

|||||

Db 1 TGTAGAGAGT 12

RESULT 95

US-10-257-017B-337428

;; Sequence 337428, Application US/10257017B

;; GENERAL INFORMATION:

;; APPLICANT: Alexander Olek

;; APPLICANT: Christian Piepenbrock

;; APPLICANT: Kurt Berlin

;; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosir

;; TITLE OF INVENTION: methylations

;; FILE REFERENCE: E01/1193/WO

;; CURRENT APPLICATION NUMBER: US/10/257,017B

;; CURRENT FILING DATE: 2002-10-07

;; PRIOR APPLICATION NUMBER: DE 10019173.8

;; PRIOR FILING DATE: 2000-04-07

;; NUMBER OF SEQ ID NOS: 382046

;; SEQ ID NO 337428

;; LENGTH: 12

;; TYPE: DNA

;; ORGANISM: Artificial Sequence

;; FEATURE:

;; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0039870

US-10-257-017B-337428

Query Match 31.4%; Score 8.8; DB 1; Length 12;

Best Local Similarity 83.3%; Pred. No. 1.2e+02;

Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAGT 23

|||||

Db 1 TGTAGAGAGT 12

RESULT 96

US-10-257-017B-355917

;; Sequence 355917, Application US/10257017B

;; GENERAL INFORMATION:

;; APPLICANT: Alexander Olek

;; APPLICANT: Christian Piepenbrock

;; APPLICANT: Kurt Berlin

;; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosir

;; TITLE OF INVENTION: methylations

;; FILE REFERENCE: E01/1193/WO

;; CURRENT APPLICATION NUMBER: US/10/257,017B

;; CURRENT FILING DATE: 2002-10-07

;; PRIOR APPLICATION NUMBER: DE 10019173.8

;; PRIOR FILING DATE: 2000-04-07

;; NUMBER OF SEQ ID NOS: 382046

;; SEQ ID NO 355917

;; LENGTH: 12

RESULT 92

US-10-257-017B-323347

;; Sequence 323347, Application US/10257017B

;; GENERAL INFORMATION:

;; APPLICANT: Alexander Olek

;; APPLICANT: Christian Piepenbrock

;; APPLICANT: Kurt Berlin

;; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

;; TITLE OF INVENTION: methylations

;; FILE REFERENCE: E01/1193/WO

;; CURRENT APPLICATION NUMBER: US/10/257,017B

;; CURRENT FILING DATE: 2002-10-07

;; PRIOR APPLICATION NUMBER: DE 10019173.8

;; PRIOR FILING DATE: 2000-04-07

;; NUMBER OF SEQ ID NOS: 382046

;; SEQ ID NO 323347

;; LENGTH: 12

;; TYPE: DNA

;; ORGANISM: Artificial Sequence

;; FEATURE:

;; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031342

US-10-257-017B-323347

Query Match 31.4%; Score 8.8; DB 1; Length 12;

Best Local Similarity 83.3%; Pred. No. 1.2e+02;

Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAGG 19

|||||

Db 1 TACGTGTAGGG 12

RESULT 93

US-10-257-017B-326894/c

;; Sequence 326894, Application US/10257017B

;; GENERAL INFORMATION:

;; APPLICANT: Alexander Olek

;; APPLICANT: Christian Piepenbrock

;; APPLICANT: Kurt Berlin

;; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

;; TITLE OF INVENTION: methylations

;; FILE REFERENCE: E01/1193/WO

;; CURRENT APPLICATION NUMBER: US/10/257,017B

;; CURRENT FILING DATE: 2002-10-07

;; PRIOR APPLICATION NUMBER: DE 10019173.8

;; PRIOR FILING DATE: 2000-04-07

;; NUMBER OF SEQ ID NOS: 382046

;; SEQ ID NO 326894

;; LENGTH: 12

;; TYPE: DNA

;; ORGANISM: Artificial Sequence

;; FEATURE:

;; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0033327

US-10-257-017B-326894

Query Match 31.4%; Score 8.8; DB 1; Length 12;

Best Local Similarity 83.3%; Pred. No. 1.2e+02;

Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGAG 22

|||||

Db 12 GTTTATAGGAG 1

RESULT 94

US-10-257-017B-328296

;; Sequence 328296, Application US/10257017B

;; GENERAL INFORMATION:

;; APPLICANT: Alexander Olek

;; APPLICANT: Christian Piepenbrock

;; APPLICANT: Kurt Berlin

;; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0049869
US-10-257-017B-355917

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
Db 1 TGTGAGGGAGT 12

RESULT 97
US-10-257-017B-359076/c
; Sequence 359076, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 359076
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010484
US-10-257-017B-359076

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
Db 12 GTGTATGGGAG 1

RESULT 98
US-10-257-017B-368695/c
; Sequence 368695, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 368695
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0057163
US-10-257-017B-368695

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 12 TGTACAGGGAGT 23
Db 12 TGGAAAGGGAGT 1

RESULT 99
US-10-257-017B-372616/c
; Sequence 372616, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 372616
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0059501
US-10-257-017B-372616

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
Db 12 TGTATATGGAGT 1

RESULT 100
US-10-257-017B-378750
; Sequence 378750, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 378750
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0062918
US-10-257-017B-378750

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
Db 1 TGTAAAGGGAGT 12

RESULT 101
US-10-257-017B-5007/c
; Sequence 5007, Application US/10257017B
```

```
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 5007
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001738
US-10-257-017B-5007

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5 CCCTACGTGTAC 16
DB      12 CCCTACGATTAC 1

RESULT 102
US-10-257-017B-5008
; Sequence 5008, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 5008
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001738
US-10-257-017B-5008

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5 CCCTACGTGTAC 16
DB      2 CCCTACGATTAC 13

RESULT 103
US-10-257-017B-11977
; Sequence 11977, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 25973
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0006663
US-10-257-017B-25973/c

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      17 AGGAGTCCAGG 28
DB      12 AGGAGTGTAGG 1

RESULT 105
US-10-257-017B-25973/c
; Sequence 25973, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 25973
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0002871
US-10-257-017B-11978

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      17 AGGAGTCCAGG 28
DB      12 AGGAGTGTAGG 1

RESULT 104
US-10-257-017B-11978/c
; Sequence 11978, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 11978
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0002871
US-10-257-017B-11978

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      17 AGGAGTCCAGG 28
DB      12 AGGAGTGTAGG 1

RESULT 105
US-10-257-017B-25973/c
; Sequence 25973, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 25973
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0006663
US-10-257-017B-25973
```

US-10-257-017B-25973

```
Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Qy 6 CCTACGTGTACA 17  
Db 12 CCTACGTTAAA 1

RESULT 106

```

RESOLUTION
US-10-257-017B-25974
/ Sequence 25974, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ TITLE OF INVENTION: methylations
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 25974
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC00005663
US-10-257-017B-25974

```

Query Match 31.4%; Score 8.8; DB 1; Length 13;  
Best Local Similarity 83.3%; Pred. No. 1.5e+02;  
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 6 CCTACGTGTACA 17  
db 2 CCTACGTTTAAA 13

RESIST. 107

```

US-10-257-017B-37731
; Sequence 37731, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: EOI/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37731
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37731

```

Query Match	31.4%	Score 8.8;	DB 1;	Length 13;
Best Local Similarity	83.3%	Pred. No. 1.5e+02;		
Matches 10;	Conservative	0;	Mismatches 2;	Indels 0;
				Gaps 0;

Qy 8 TACGTGTACAGG 19  
Db 2 TATGTGTATAGG 13

```

RESULT 108
US-10-257-017B-37732/c
; Sequence 37732, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosin
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37732
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37732

```

Query Match	31.4%	Score 8.8;	DB 1;	Length 13;
Best Local Similarity	83.3%	Pred. No. 1.5e+02;		
Matches	10;	Conservative	0;	Mismatches 2;
		Indels	0;	Gaps 0;

Qy 8 TACGTGTACAGG 19  
||| ||| ||| |||  
Db 12 TATGTGTATAGG 1

RESULT 109

```

US-10-257-017B-37737
; Sequence 37737, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosin
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37737
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37737

```

Query Match	31.4%	Score 8.8;	DB 1;	Length 13;
Best Local Similarity	83.3%	Pred. No. 1.5e+02;		
Matches 10;	Conservative	0;	Mismatches 2;	Indels 0;
Matches 10;	Conservative	0;	Mismatches 2;	Indels 0;
Matches 10;	Conservative	0;	Mismatches 2;	Indels 0;

Qy 8 TACGTGTACAGG 19  
Db 2 TACGTATATAGG 13

RESULT 110

RESUB: 110  
US-10-257-017B-37738/c  
; Sequence 37738, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin

```
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37738
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37738

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAGG 19
Db      12 TACGCTATAGG 1

RESULT 111
US-10-257-017B-37741
; Sequence 37741, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37741
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37741

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAGG 19
Db      2 TACGCTATAGG 13

RESULT 112
US-10-257-017B-37742/c
; Sequence 37742, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37742

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAGG 19
Db      2 TACGCTATAGG 13

RESULT 113
US-10-257-017B-37821
; Sequence 37821, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37821
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011747
US-10-257-017B-37821

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGAGT 23
Db      1 TTTAGAGGAGT 12

RESULT 114
US-10-257-017B-37822/c
; Sequence 37822, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37822
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011747
US-10-257-017B-37822

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
```

```
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 12 TGTACAGGGAGT 23
Db 13 TTTAGAGGGAGT 2

RESULT 115
US-10-257-017B-43407
; Sequence 43407, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 43407
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012844
US-10-257-017B-43407

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 12 TGTACAGGGAGT 23
Db 1 TGTAGAGGGAGT 12

RESULT 116
US-10-257-017B-43408/c
; Sequence 43408, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 43408
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012844
US-10-257-017B-43408

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 12 TGTACAGGGAGT 23
Db 13 TGTAGAGGGAGT 2

RESULT 117
US-10-257-017B-49821/c
```

```
; Sequence 49821, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 49821
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014053
US-10-257-017B-49821

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 6 CCTACGCGTACA 17
Db 12 CATACGCGTACA 1

RESULT 118
US-10-257-017B-49822
; Sequence 49822, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 49822
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014053
US-10-257-017B-49822

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 6 CCTACGCGTACA 17
Db 2 CATACGCGTACA 13

RESULT 119
US-10-257-017B-50885
; Sequence 50885, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
```



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/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 50885
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014248
US-10-257-017B-50885

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      12 TGTCACGGGAGT 23
Db      1 TGTTTAGGGAGT 12

RESULT 120
US-10-257-017B-50886/c
/ Sequence 50886, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 50886
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014248
US-10-257-017B-50886

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      12 TGTCACGGGAGT 23
Db      13 TGTTTAGGGAGT 2

RESULT 121
US-10-257-017B-56503/c
/ Sequence 56503, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 56503
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015314
US-10-257-017B-56503

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5 CCCTACGTTGAT 16
Db      13 CACTACGTTTAC 2

RESULT 122
US-10-257-017B-56504
/ Sequence 56504, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 56504
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015314
US-10-257-017B-56504

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5 CCCTACGTTGAT 16
Db      1 CACTACGTTTAC 12

RESULT 123
US-10-257-017B-57889
/ Sequence 57889, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 57889
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015568
US-10-257-017B-57889

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      8 TAGGTGTACAGG 19
Db      19 TAGGTGTACAGG 19
```

```
Db      1  TAGGTGTAGATG 12

RESULT 124
US-10-257-017B-57890/c
; Sequence 57890, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 57890
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015568
US-10-257-017B-57890

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8  TAGGTGTAGG 19
        |||||
Db      13  TAGGTGTAGATG 2

RESULT 125
US-10-257-017B-59517
; Sequence 59517, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 59517
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015944
US-10-257-017B-59517

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12  TGTACAGGAGT 23
        |||||
Db      1  TATAAGGAGT 12

RESULT 126
US-10-257-017B-59518/c
; Sequence 59518, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
```

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; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 59518
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015944
US-10-257-017B-59518

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12  TGTACAGGAGT 23
        |||||
Db      13  TATAAGGAGT 2

RESULT 127
US-10-257-017B-60715
; Sequence 60715, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 60715
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016198
US-10-257-017B-60715

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11  GTGTACAGGAG 22
        |||||
Db      1  GTGTTTGGAG 12

RESULT 128
US-10-257-017B-60716/c
; Sequence 60716, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
```

```
; SEQ ID NO 60716
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016198
US-10-257-017B-60716

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGGAG 22
Db      13 GGTTCGGGAG 2

RESULT 129
US-10-257-017B-60717
; Sequence 60717, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 60717
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016198
US-10-257-017B-60717

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGGAG 22
Db      13 GGTTCGGGAG 12

RESULT 130
US-10-257-017B-60718/c
; Sequence 60718, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 60718
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016198
US-10-257-017B-60718

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGGAG 22
Db      13 GGTTCGGGAG 12

RESULT 131
US-10-257-017B-62985
; Sequence 62985, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 62985
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016657
US-10-257-017B-62985

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      10 CGGTACAGGGA 21
Db      1 CGGTAGAGGTA 12

RESULT 132
US-10-257-017B-62986/c
; Sequence 62986, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 62986
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016657
US-10-257-017B-62986

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      10 CGGTACAGGGA 21
Db      13 CGGTAGAGGTA 2

RESULT 133
US-10-257-017B-62986
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US-10-257-017B-62987
; Sequence 62987, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 62987
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016657
US-10-257-017B-62987

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      10 CGGTACACGGGA 21
Db      1 CGGTAAAGGTA 12

RESULT 134
US-10-257-017B-62988/c
; Sequence 62988, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 62988
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016657
US-10-257-017B-62988

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      10 CGGTACACGGGA 21
Db      13 CGGTAAAGGTA 2

RESULT 135
US-10-257-017B-64873
; Sequence 64873, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 64873
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0017093
US-10-257-017B-64873

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACACGGGAG 22
Db      2 GGGTAGAGGGAG 13

RESULT 136
US-10-257-017B-64874/c
; Sequence 64874, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 64874
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0017093
US-10-257-017B-64874

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACACGGGAG 22
Db      12 GGGTAGAGGGAG 1

RESULT 137
US-10-257-017B-64875
; Sequence 64875, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 64875
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0017093
US-10-257-017B-64875

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACACGGGAG 22
Db      12 GGGTAGAGGGAG 1
```

```
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0017093
US-10-257-017B-64875

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
Db 2 GGGTATAGGGAG 13

RESULT 138
US-10-257-017B-64876/c
; Sequence 64876, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 64876
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0017093
US-10-257-017B-64876

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
Db 12 GGGTATAGGGAG 1

RESULT 139
US-10-257-017B-76153
; Sequence 76153, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 76153
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0019495
US-10-257-017B-76153

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAGG 19
Db 1 TGTAAAGGGTGT 12

RESULT 140
US-10-257-017B-76154/c
; Sequence 76154, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 76154
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0019495
US-10-257-017B-76154

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAGG 19
Db 12 TCGGTGTAAGG 1

RESULT 141
US-10-257-017B-85943
; Sequence 85943, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 85943
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0021600
US-10-257-017B-85943

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
Db 1 TGTAAAGGGTGT 12

RESULT 142
US-10-257-017B-85944/c
; Sequence 85944, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
```

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/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ PRIOR FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 85944
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0021600
US-10-257-017B-85944

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
DB 13 TGTAAAGGGTGT 2

RESULT 143
US-10-257-017B-120033/c
/ Sequence 120033, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 120033
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029958
US-10-257-017B-120033

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTGTACA 17
DB 13 CCTACTTTTACA 2

RESULT 144
US-10-257-017B-120034
/ Sequence 120034, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 121568
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030367
US-10-257-017B-121568

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTGTACA 17
DB 1 CCTACTTTTACA 12

RESULT 145
US-10-257-017B-121567
/ Sequence 121567, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 121567
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030367
US-10-257-017B-121567

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
DB 1 TGTATAGAGAGT 12

RESULT 146
US-10-257-017B-121568/c
/ Sequence 121568, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 121568
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030367
US-10-257-017B-121568
```

```
Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
DB 13 TGTATAGAGT 2

RESULT 147
US-10-257-017B-136725
; Sequence 136725, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 136725
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034175
US-10-257-017B-136725

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
DB 1 TGTAAATGGAGT 12

RESULT 148
US-10-257-017B-136726/c
; Sequence 136726, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 136726
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034175
US-10-257-017B-136726

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
DB 13 TGTAAATGGAGT 2

RESULT 149
US-10-257-017B-136727
; Sequence 136727, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 136727
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034175
US-10-257-017B-136727

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
DB 1 TGTAAACGGAGT 12

RESULT 150
US-10-257-017B-136728/c
; Sequence 136728, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 136728
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034175
US-10-257-017B-136728

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
DB 13 TGTAAACGGAGT 2

RESULT 151
US-10-257-017B-140371/c
; Sequence 140371, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 140371
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034175
US-10-257-017B-140371/c
```

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/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 140371
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0035182
US-10-257-017B-140371

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5 CCTACGTTGATC 16
Db      12 CCTACGTTATCC 1

RESULT 152
US-10-257-017B-140372
/ Sequence 140372, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 140372
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0035182
US-10-257-017B-140372

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5 CCTACGTTGATC 16
Db      2 CCTACGTTATCC 13

RESULT 153
US-10-257-017B-159319
/ Sequence 159319, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 159319
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0040109
US-10-257-017B-159320

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGT 23
Db      13 TTTATAGGGAGT 2

RESULT 154
US-10-257-017B-159320/c
/ Sequence 159320, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 159320
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0040109
US-10-257-017B-159320

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGT 23
Db      13 TTTATAGGGAGT 2

RESULT 155
US-10-257-017B-160513
/ Sequence 160513, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 160513
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0040412
US-10-257-017B-160513

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```





; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 174650  
; LENGTH: 13  
; TIPS: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0009116  
US-10-257-017B-174650

Query Match 31.4%; Score 8.8; DB 1; Length 13;  
Best Local Similarity 83.3%; Pred. No. 1.5e+02;  
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGCTGATC 16  
| | | | | | | | | | | | | |  
Db 1 CCTACGCTGATC 12

RESULT 161  
US-10-257-017B-177237/c  
; Sequence 177237, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; PRIOR FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 177237  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0043944  
US-10-257-017B-177237

Query Match 31.4%; Score 8.8; DB 1; Length 13;  
Best Local Similarity 83.3%; Pred. No. 1.5e+02;  
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGCTGATC 16  
| | | | | | | | | | | | | |  
Db 12 CCTACGCTGATC 1

RESULT 162  
US-10-257-017B-177238  
; Sequence 177238, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; PRIOR FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 177238  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0043944  
US-10-257-017B-177238

Query Match 31.4%; Score 8.8; DB 1; Length 13;  
Best Local Similarity 83.3%; Pred. No. 1.5e+02;  
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGCTGATC 16  
| | | | | | | | | | | | | |  
Db 2 CCTACGCTGATC 13

RESULT 163  
US-10-257-017B-182915/c  
; Sequence 182915, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; PRIOR FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 182915  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0045193  
US-10-257-017B-182915

Query Match 31.4%; Score 8.8; DB 1; Length 13;  
Best Local Similarity 83.3%; Pred. No. 1.5e+02;  
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGCTGATC 17  
| | | | | | | | | | | | | | |  
Db 13 CCTACATATACA 2

RESULT 164  
US-10-257-017B-182916  
; Sequence 182916, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; PRIOR FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 182916  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0045193  
US-10-257-017B-182916

Query Match 31.4%; Score 8.8; DB 1; Length 13;  
Best Local Similarity 83.3%; Pred. No. 1.5e+02;  
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGCTGATC 17  
| | | | | | | | | | | | | | |  
Db 1 CCTACATATACA 12

```
RESULT 165
US-10-257-017B-187821
; Sequence 187821, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 187821
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001439
US-10-257-017B-187821

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
Db 2 GTGTTAGGGAG 13

RESULT 166
US-10-257-017B-187822/c
; Sequence 187822, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 187822
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001439
US-10-257-017B-187822

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
Db 2 GTGTTAGGGAG 13

RESULT 167
US-10-257-017B-187823
; Sequence 187823, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
```

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; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 187823
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001439
US-10-257-017B-187823

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
Db 2 GTGTTAGGGAG 13

RESULT 168
US-10-257-017B-187824/c
; Sequence 187824, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 187824
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001439
US-10-257-017B-187824

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
Db 12 GTGTTAGGGAG 1

RESULT 169
US-10-257-017B-187825
; Sequence 187825, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 187825
; LENGTH: 13
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001439
US-10-257-017B-187825

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
Db 2 GTGTACAGGGAG 13

RESULT 170
US-10-257-017B-187826/c
; Sequence 187826, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 187826
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001439
US-10-257-017B-187826

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
Db 2 GTGTACAGGGAG 13

RESULT 171
US-10-257-017B-189995
; Sequence 189995, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 189995
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC00046736
US-10-257-017B-189995

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
Db 2 GTGTACAGGGAG 13

RESULT 172
US-10-257-017B-189996/c
; Sequence 189996, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 189996
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0046736
US-10-257-017B-189996

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
Db 1 TATATAGGGAGT 12

RESULT 173
US-10-257-017B-191299
; Sequence 191299, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 191299
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0047061
US-10-257-017B-191299

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
Db 2 TTTAAAGGGAGT 13

RESULT 174
US-10-257-017B-191300/c
; Sequence 191300, Application US/10257017B
```



US-10-257-017B-211972

Query Match 31.4%; Score 8.8; DB 1; Length 13;  
Best Local Similarity 83.3%; Pred. No. 1.5e+02;  
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22  
| | | | | | | | | |  
DB 12 GTGTCCGGGGAG 1

RESULT 179

US-10-257-017B-213907/c  
; Sequence 213907, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 213907  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0052066  
US-10-257-017B-213907

Query Match 31.4%; Score 8.8; DB 1; Length 13;  
Best Local Similarity 83.3%; Pred. No. 1.5e+02;  
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTGTACA 17  
| | | | | | | | | |  
DB 12 CCTACGTTTCCA 1

RESULT 180

US-10-257-017B-213908  
; Sequence 213908, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 213908  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0052066  
US-10-257-017B-213908

Query Match 31.4%; Score 8.8; DB 1; Length 13;  
Best Local Similarity 83.3%; Pred. No. 1.5e+02;  
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTGTACA 17  
| | | | | | | | | |  
DB 2 CCTACGTTTCCA 13

RESULT 181

US-10-257-017B-230545  
; Sequence 230545, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 230545  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0056234  
US-10-257-017B-230545

Query Match 31.4%; Score 8.8; DB 1; Length 13;  
Best Local Similarity 83.3%; Pred. No. 1.5e+02;  
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAGG 19  
| | | | | | | | | |  
DB 2 TACGTGTATATG 13

RESULT 182

US-10-257-017B-230546/c  
; Sequence 230546, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 230546  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0056234  
US-10-257-017B-230546

Query Match 31.4%; Score 8.8; DB 1; Length 13;  
Best Local Similarity 83.3%; Pred. No. 1.5e+02;  
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAGG 19  
| | | | | | | | | |  
DB 12 TACGTGTATATG 1

RESULT 183

US-10-257-017B-230559  
; Sequence 230559, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin

```
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 230559
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0056234
US-10-257-017B-230559

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAGG 19
Db      2 TACGTGTATACG 13

RESULT 184
US-10-257-017B-230560/c
; Sequence 230560, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 230560
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0056234
US-10-257-017B-230560

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAGG 19
Db      12 TACGTGTATACG 1

RESULT 185
US-10-257-017B-235405
; Sequence 235405, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 235405
```

```
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0057464
US-10-257-017B-235405

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGT 23
Db      1 TTTAAAGGGAGT 12

RESULT 186
US-10-257-017B-235406/c
; Sequence 235406, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 235406
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0057464
US-10-257-017B-235406

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGT 23
Db      13 TTTAAAGGGAGT 2

RESULT 187
US-10-257-017B-237085/c
; Sequence 237085, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 237085
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0057833
US-10-257-017B-237085

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
```

Matches	10;	Conservative	0;	Mismatches	2;	Indels	0;	Gaps	0;
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QY 6 CCTACGTGTACA 17  
| | | | |  
Db 12 CCTACGAATACA 1

RESULT 188

```

US-10-257-017B-237086
; Sequence 237086, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms
; TITLE OF INVENTION: methylnations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 237086
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of
US-10-257-017B-237086

```

```
Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Qy 6 CCTACGTGTACA 17  
|||  
Db 2 CCTACGAATACA 13

RESULT 189

```

US-10-257-017B-243755/C
; SEQUENCE INFORMATION: Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nu
; TITLE OF INVENTION: methylations
; FILE REFERENCE: EOI/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 1001973-8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 243755
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for de
US-10-257-017B-243755

```

Query Match 31.4%; Score 8.8; DB 1; Length 13;  
Best Local Similarity 83.3%; Pred. No. 1.5e+02;  
Matches 10: Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CCCTACGTGTAC 16  
db 13 CCCCACGTCTAC 2

RESIST, T 190

RESULT 190  
US-10-257-017B-243756

```

; Sequence 243756, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 243756
; TYPE: DNA
; TYPE: 13
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for
US-10-257-017B-243756

```

```
Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0
```

Qy 5 CCCTACGTGTAC 16  
||| ||| ||| |||  
db 1 CCCACGTCTAC 12

## RESULT 191

```

US-10-257-017B-248397/c
? Sequence 248397, Application US/10257017B
? GENERAL INFORMATION:
? APPLICANT: Alexander Olek
? APPLICANT: Christian Piepenbrock
? APPLICANT: Kurt Berlin
? TITLE OF INVENTION: Detection of single nucleotide polymorphisms [
? TITLE OF INVENTION: methyloations
? FILE REFERENCE: E01/1193/WO
? CURRENT APPLICATION NUMBER: US/10/257,017B
? CURRENT FILING DATE: 2002-10-07
? PRIOR APPLICATION NUMBER: DE 10019173.8
? PRIOR FILING DATE: 2000-04-07
? NUMBER OF SEQ ID NOS: 382046
? SEQ ID NO 248397
? LENGTH: 13
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Oligonucleotide for detection of SNP TSC00606997
US-10-257-017B-248397

```

Query Match	31.4%	Score 8.8;	DB 1;	Length 13;
Best Local Similarity	83.3%	Pred. No. 1.5e+02;		
Matches 10:	Conservative	0;	Mismatches 2;	Indels 0;
Gaps	0;			

Qy 5 CCCTACGTGTAC 16  
Db 13 CCCTACGTAAC 2

## RESULT 192

```

RES001.152
US-10-257-017B-248398
; Sequence 248398, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B

```



```
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 248398
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0060697
US-10-257-017B-248398

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGTTGAC 16
DB 1 CCTACGTTAAC 12

RESULT 193
US-10-257-017B-264039/c
/ Sequence 264039, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: US/10/257,017B
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 264039
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005398
US-10-257-017B-264039

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTTGAC 17
DB 12 CCTACGTTAAC 1

RESULT 194
US-10-257-017B-264040
/ Sequence 264040, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: US/10/257,017B
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 264040
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005398
US-10-257-017B-264040

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTTGAC 17
DB 12 CCTACGTTAAC 1

RESULT 195
US-10-257-017B-265541
/ Sequence 265541, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: US/10/257,017B
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 265541
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0064360
US-10-257-017B-265541

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAG 19
DB 2 TATGTGTATAG 13

RESULT 196
US-10-257-017B-265542/c
/ Sequence 265542, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 265542
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0064360
US-10-257-017B-265542

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAG 19
DB 2 TATGTGTATAG 13
```

```
Db      12 TATGTGTATAGG 1

RESULT 197
US-10-708-951-18896/c
; Sequence 18896, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18896
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-18896

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGT 23
Db      12 TGTACAGTAAGT 1

RESULT 198
US-10-708-951-20084/c
; Sequence 20084, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20084
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-20084

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      13 GTACAGGGAGTC 24
Db      13 GTACAGTAAGTC 2

RESULT 199
US-10-708-951-46287/c
; Sequence 46287, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 46287
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-46287

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      13 GTACAGGGAGTC 24
Db      13 GTACAGTAAGTC 2

RESULT 200
US-10-708-951-47407/c
; Sequence 47407, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 47407
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-47407

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGT 23
Db      12 TGTACAGTAAGT 1

RESULT 201
US-10-257-017B-1623/c
; Sequence 1623, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosi
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 1623
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0000588
US-10-257-017B-1623

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      4 GCCCTACGT 12
Db      13 RCCCTACGT 5

RESULT 202
US-10-257-017B-1624
; Sequence 1624, Application US/10257017B
```

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; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: Methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 1624
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0000588
US-10-257-017B-1624

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      4 GCCCTACGT 12
DB      1 RCCCTACGT 9

RESULT 203
US-10-257-017B-9229
; Sequence 9229, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: Methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 9229
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0002450
US-10-257-017B-9229

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTAC 16
DB      5 TACGTGTAY 13

RESULT 204
US-10-257-017B-9230/c
; Sequence 9230, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: Methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 35502
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011237
US-10-257-017B-35501/c
; Sequence 35501, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: Methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 35501
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011237
US-10-257-017B-35501

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      4 GCCCTACGT 12
DB      13 RCCCTACGT 5

RESULT 205
US-10-257-017B-35501/c
; Sequence 35501, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: Methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 35501
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011237
US-10-257-017B-35501

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      4 GCCCTACGT 12
DB      13 RCCCTACGT 5

RESULT 206
US-10-257-017B-35502
; Sequence 35502, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: Methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 35502
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011237
US-10-257-017B-35502
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US-10-257-017B-35502
Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4 GCCCTACGT 12
   :|||||
Db 1 RCCCTACGT 9

RESULT 207
US-10-257-017B-61881
; Sequence 61881, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 61881
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016441
US-10-257-017B-61881

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTAC 16
   :|||||
Db 5 TACGTGTAY 13

RESULT 208
US-10-257-017B-61882/c
; Sequence 61882, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 61882
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016441
US-10-257-017B-61882

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTAC 16
   :|||||
Db 9 TACGTGTAY 1

US-10-257-017B-120733/c
; Sequence 120733, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 120733
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030127
US-10-257-017B-120733

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4 GCCCTACGT 12
   :|||||
Db 13 RCCCTACGT 5

RESULT 210
US-10-257-017B-120734
; Sequence 120734, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 120734
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030127
US-10-257-017B-120734

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4 GCCCTACGT 12
   :|||||
Db 1 RCCCTACGT 9

RESULT 211
US-10-257-017B-127731/c
; Sequence 127731, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
```

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; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 127731
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0031982
US-10-257-017B-127732

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches      8; Conservative      1; Mismatches      0; Indels      0; Gaps      0;

Qy      4 GCCCTACGT 12
Db      13 RCCCTACGT 5

RESULT 212
US-10-257-017B-127732
; Sequence 127732, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 127732
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0031982
US-10-257-017B-127732

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches      8; Conservative      1; Mismatches      0; Indels      0; Gaps      0;

Qy      4 GCCCTACGT 12
Db      1 RCCCTACGT 9

RESULT 213
US-10-257-017B-184327/c
; Sequence 184327, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 184327
```

```
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0045489
US-10-257-017B-184327

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches      8; Conservative      1; Mismatches      0; Indels      0; Gaps      0;

Qy      4 GCCCTACGT 12
Db      13 RCCCTACGT 5

RESULT 214
US-10-257-017B-184328
; Sequence 184328, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 184328
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0045489
US-10-257-017B-184328

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches      8; Conservative      1; Mismatches      0; Indels      0; Gaps      0;

Qy      4 GCCCTACGT 12
Db      1 RCCCTACGT 9

RESULT 215
US-10-257-017B-195259
; Sequence 195259, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 195259
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0048038
US-10-257-017B-195259

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
```

Matches	8;	Conservative	1;	Mismatches	0;	Indels	0;	Gaps	0;
QY	8	TACGTGTAC	16						
DB	5	TACGTGTAY	13						
<p>RESULT 216</p> <p>US-10-257-017B-195260/c</p> <p>Sequence 195260, Application US/10257017B</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Alexander Olek</p> <p>APPLICANT: Christian Piepenbrock</p> <p>APPLICANT: Kurt Berlin</p> <p>TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine</p> <p>FILE REFERENCE: E01/1193/NO</p> <p>CURRENT APPLICATION NUMBER: US/10/257,017B</p> <p>CURRENT FILING DATE: 2002-10-07</p> <p>PRIOR APPLICATION NUMBER: DE 10019173.8</p> <p>PRIOR FILING DATE: 2000-04-07</p> <p>NUMBER OF SEQ ID NOS: 382046</p> <p>SEQ ID NO 195260</p> <p>LENGTH: 13</p> <p>TYPE: DNA</p> <p>ORGANISM: Artificial Sequence</p> <p>FEATURE:</p> <p>OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0048038</p> <p>US-10-257-017B-195260</p> <p>Query Match 30.7%; Score 8.6; DB 1; Length 13;</p> <p>Best Local Similarity 88.9%; Pred. No. 1.7e+02;</p> <p>Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;</p>									
QY	8	TACGTGTAC	16						
DB	5	TACGTGTAY	13						
<p>RESULT 217</p> <p>US-10-257-017B-201249</p> <p>Sequence 201249, Application US/10257017B</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Alexander Olek</p> <p>APPLICANT: Christian Piepenbrock</p> <p>APPLICANT: Kurt Berlin</p> <p>TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine</p> <p>FILE REFERENCE: E01/1193/NO</p> <p>CURRENT APPLICATION NUMBER: US/10/257,017B</p> <p>CURRENT FILING DATE: 2002-10-07</p> <p>PRIOR APPLICATION NUMBER: DE 10019173.8</p> <p>PRIOR FILING DATE: 2000-04-07</p> <p>NUMBER OF SEQ ID NOS: 382046</p> <p>SEQ ID NO 201249</p> <p>LENGTH: 13</p> <p>TYPE: DNA</p> <p>ORGANISM: Artificial Sequence</p> <p>FEATURE:</p> <p>OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0049513</p> <p>US-10-257-017B-201249</p> <p>Query Match 30.7%; Score 8.6; DB 1; Length 13;</p> <p>Best Local Similarity 88.9%; Pred. No. 1.7e+02;</p> <p>Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;</p>									
QY	8	TACGTGTAC	16						
DB	5	TACGTGTAY	13						
<p>RESULT 218</p> <p>US-10-257-017B-201250/c</p> <p>Sequence 201250, Application US/10257017B</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Alexander Olek</p> <p>APPLICANT: Christian Piepenbrock</p> <p>APPLICANT: Kurt Berlin</p> <p>TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine</p> <p>FILE REFERENCE: E01/1193/NO</p> <p>CURRENT APPLICATION NUMBER: US/10/257,017B</p> <p>CURRENT FILING DATE: 2002-10-07</p> <p>PRIOR APPLICATION NUMBER: DE 10019173.8</p> <p>PRIOR FILING DATE: 2000-04-07</p> <p>NUMBER OF SEQ ID NOS: 382046</p> <p>SEQ ID NO 201250</p> <p>LENGTH: 13</p> <p>TYPE: DNA</p> <p>ORGANISM: Artificial Sequence</p> <p>FEATURE:</p> <p>OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0049513</p> <p>US-10-257-017B-201250</p> <p>Query Match 30.7%; Score 8.6; DB 1; Length 13;</p> <p>Best Local Similarity 88.9%; Pred. No. 1.7e+02;</p> <p>Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;</p>									
QY	8	TACGTGTAC	16						
DB	5	TACGTGTAY	13						

```
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 264340
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0064059
US-10-257-017B-264340

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGATC 16
Db 9 TACGTGTAY 1

RESULT 221
PCT-US03-25614-123/c
; Sequence 123, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 123
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-123

Query Match      30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 99;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGGAG 22
Db 10 GTACAGGGTG 1

RESULT 222
PCT-US03-25614-220/c
; Sequence 220, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 220
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-220

Query Match      30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 99;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGGAG 22
Db 10 GTACAGGGTG 1

RESULT 223
PCT-US03-25614-560/c
; Sequence 560, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 560
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-560

Query Match      30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 99;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGGAG 22
Db 10 GTACAGGGTG 1

RESULT 224
PCT-US03-25614-776/c
; Sequence 776, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 776
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-776

Query Match      30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 99;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGGAG 22
Db 10 GTACAGGGTG 1

RESULT 225
PCT-US03-25614-776
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QY 14 TACAGGGAGT 23
Db 2 TAGAGGGAGT 11

RESULT 230
US-10-257-017B-274507/c
; Sequence 274507, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 274507
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0004226
US-10-257-017B-274507

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACAGGGA 21
Db 10 TGTAGAGGGA 1

RESULT 231
US-10-257-017B-276567
; Sequence 276567, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 276567
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0004226
US-10-257-017B-276567

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 14 TACAGGGAGT 23
Db 2 TATAGGGAGT 11

RESULT 232
US-10-257-017B-279172/c
; Sequence 279172, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 279172
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007003
US-10-257-017B-279172

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACAGGGA 21
Db 12 TGTATAGGGA 3

RESULT 233
US-10-257-017B-285333/c
; Sequence 285333, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 285333
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012245
US-10-257-017B-285333

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 TAGGTGTACA 17
Db 12 TAGGTATACA 3

RESULT 234
US-10-257-017B-285335/c
; Sequence 285335, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 285335
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012245
US-10-257-017B-285335
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; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 285335
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012245
US-10-257-017B-285335

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      8 TACGTGTACA 17
      |||||
Db      11 TACGTGTATA 2

RESULT 235
US-10-257-017B-287299/c
; Sequence 287299, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 287299
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide-Primer
US-10-257-017B-287299

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6 CCTACGGTGA 15
      |||||
Db      12 CCTACGTATA 3

RESULT 236
US-10-257-017B-294716/c
; Sequence 294716, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 294716
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0016238
US-10-257-017B-294716

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Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      8 TACGTGTACA 17
      |||||
Db      12 TACGTATACA 3

RESULT 237
US-10-257-017B-298127
; Sequence 298127, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 298127
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0017923
US-10-257-017B-298127

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      12 TGTACAGGGA 21
      |||||
Db      3 TGTAAAGGGA 12

RESULT 238
US-10-257-017B-306328
; Sequence 306328, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 306328
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0021949
US-10-257-017B-306328

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      14 TACAGGGAGT 23
      |||||
Db      1 TAGAGGGAGT 10

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RESULT 239
US-10-257-017B-306922/c
; Sequence 306922, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 306922
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022248
US-10-257-017B-306922

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      13 GTACAGGAG 22
Db      10 GTATAGGAG 1

RESULT 240
US-10-257-017B-307001/c
; Sequence 307001, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 307001
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022291
US-10-257-017B-307001

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      11 GTGTACAGGG 20
Db      10 GTGTAGAGGG 1

RESULT 241
US-10-257-017B-310678
; Sequence 310678, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
```

```
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 310678
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0024049
US-10-257-017B-310678

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      6 CCTACGCTGA 15
Db      2 CCTACGCGTA 11

RESULT 242
US-10-257-017B-316249
; Sequence 316249, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 316249
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0027355
US-10-257-017B-316249

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      14 TACAGGGAGT 23
Db      2 TATAGGGAGT 11

RESULT 243
US-10-257-017B-322664
; Sequence 322664, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 322664
; LENGTH: 12
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0030993
US-10-257-017B-322664

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      14 GTACGGGAGT 23
Db      1 TAAAGGGAGT 10

RESULT 244
US-10-257-017B-322883
; Sequence 322883, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 322883
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031094
US-10-257-017B-322883

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      13 GTACGGGAGT 22
Db      2 GTACGGGAGT 11

RESULT 245
US-10-257-017B-324364
; Sequence 324364, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 324364
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031975
US-10-257-017B-324364

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      13 GTACGGGAGT 22
Db      1 GTACGGGAGT 10

RESULT 246
US-10-257-017B-325195
; Sequence 325195, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 325195
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0032450
US-10-257-017B-325195

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      14 TACAGGGAGT 23
Db      1 TAGAGGGAGT 10

RESULT 247
US-10-257-017B-325781/c
; Sequence 325781, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 325781
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0032711
US-10-257-017B-325781

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      12 TGTACAGGGA 21
Db      10 TGTATAGGGA 1

RESULT 248
US-10-257-017B-330044
; Sequence 330044, Application US/10257017B
```

```
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 330044
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0035293
US-10-257-017B-330044

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      12 TGTACAGGGA 21
Db      3 TGTACAGGGA 12

RESULT 249
US-10-257-017B-335793
; Sequence 335793, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 335793
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0039015
US-10-257-017B-335793

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      12 TGTACAGGGA 21
Db      1 TGTACAGGGA 10

RESULT 250
US-10-257-017B-337211
; Sequence 337211, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 337211
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0039735
US-10-257-017B-337211

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      8 TACGTGTACA 17
Db      3 TACGTGTATA 12

RESULT 251
US-10-257-017B-351656/c
; Sequence 351656, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 351656
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0047427
US-10-257-017B-351656

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      10 CGTGTACAGG 19
Db      12 CGTGTAAAGG 3

RESULT 252
US-10-257-017B-363481
; Sequence 363481, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 363481
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0053879
US-10-257-017B-363481
```

US-10-257-017B-363481

Query Match 30.0%; Score 8.4; DB 1; Length 12;  
Best Local Similarity 90.0%; Pred. No. 1.6e+02;  
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 GTGTACAGG 20  
DB 1 GTGTAAGGG 10

RESULT 253

US-10-257-017B-365099/c  
; Sequence 365099, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 365099  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0054913  
US-10-257-017B-365099

Query Match 30.0%; Score 8.4; DB 1; Length 12;  
Best Local Similarity 90.0%; Pred. No. 1.6e+02;  
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 TACGTGTACA 17  
DB 12 TACGTGTATA 3

RESULT 254

US-10-257-017B-365773  
; Sequence 365773, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 365773  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0055324  
US-10-257-017B-365773

Query Match 30.0%; Score 8.4; DB 1; Length 12;  
Best Local Similarity 90.0%; Pred. No. 1.6e+02;  
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACAGGCA 21  
DB 3 TGTATAGGGA 12

RESULT 255

US-10-257-017B-377335/c  
; Sequence 377335, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 377335  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0062277  
US-10-257-017B-377335

Query Match 30.0%; Score 8.4; DB 1; Length 12;  
Best Local Similarity 90.0%; Pred. No. 1.6e+02;  
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGAG 22  
DB 11 GTAGAGGAG 2

RESULT 256

US-10-708-951-22469  
; Sequence 22469, Application US/10708951  
; GENERAL INFORMATION:  
; APPLICANT: ROSETTA GENOMICS LTD  
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA  
; FILE REFERENCE: 55034  
; CURRENT APPLICATION NUMBER: US/10/708,951  
; CURRENT FILING DATE: 2004-04-02  
; NUMBER OF SEQ ID NOS: 59824  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 22469  
; LENGTH: 12  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-708-951-22469

Query Match 30.0%; Score 8.4; DB 1; Length 12;  
Best Local Similarity 90.0%; Pred. No. 1.6e+02;  
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCC 25  
DB 3 CAGGAGGCC 12

RESULT 257

US-10-708-951-31339/c  
; Sequence 31339, Application US/10708951  
; GENERAL INFORMATION:  
; APPLICANT: ROSETTA GENOMICS LTD  
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA  
; FILE REFERENCE: 55034  
; CURRENT APPLICATION NUMBER: US/10/708,951  
; CURRENT FILING DATE: 2004-04-02  
; NUMBER OF SEQ ID NOS: 59824  
; SOFTWARE: PatentIn version 3.2

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; SEQ ID NO 31339
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-31339

Query Match
Best Local Similarity 30.0%; Score 8.4; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 19 GGAGTCCAGG 28
Db 11 GGAGTACAGG 2

RESULT 258
US-10-708-951-47233
; Sequence 47233, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 47233
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-47233

Query Match
Best Local Similarity 30.0%; Score 8.4; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGGAGTCC 25
Db 3 CAGGGAGCCC 12

RESULT 259
US-10-708-951-49227/c
; Sequence 49227, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49227
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-49227

Query Match
Best Local Similarity 30.0%; Score 8.4; DB 1; Length 12;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 19 GGAGTCCAGG 28
Db 11 GGAGTACAGG 2

RESULT 260
PCT-US03-25614-246/c
; Sequence 246, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 246
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-246

Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 10;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 21 AGTCCAGG 28
Db 10 AGTCCAGG 3

RESULT 261
US-10-257-017B-270228
; Sequence 270228, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosin
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 270228
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002052
US-10-257-017B-270228

Query Match
Best Local Similarity 28.6%; Score 8; DB 1; Length 12;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTA 15
Db 2 TACGTGTA 9

RESULT 262
US-10-257-017B-273565
; Sequence 273565, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosin
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
```

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; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273565
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003234
US-10-257-017B-273565

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      8 TACGTGTA 15
DB      3 TACGTGTA 10

RESULT 263
US-10-257-017B-276700
; Sequence 276700, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 276700
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0004266
US-10-257-017B-276700

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      8 TACGTGTA 15
DB      3 TACGTGTA 10

RESULT 264
US-10-257-017B-281698
; Sequence 281698, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 281698
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010001
US-10-257-017B-281698

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      8 TACGTGTA 15
DB      3 TACGTGTA 10

RESULT 265
US-10-257-017B-285822/c
; Sequence 285822, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 285822
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012462
US-10-257-017B-285822

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      8 TACGTGTA 15
DB      3 TACGTGTA 10

RESULT 266
US-10-257-017B-286347
; Sequence 286347, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 286347
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012678
US-10-257-017B-286347

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      17 AGGAGTC 24
DB      5 AGGAGTC 12
```



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RESULT 267
US-10-257-017B-289277
; Sequence 289277, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 289277
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0013867
US-10-257-017B-289277

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      8 TACGTGTA 15
Db      3 TACGTGTA 10

RESULT 268
US-10-257-017B-292479/c
; Sequence 292479, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 292479
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0015230
US-10-257-017B-292479

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      4 GCCCTACG 11
Db      10 GCCCTACG 3

RESULT 269
US-10-257-017B-293614/c
; Sequence 293614, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 293614
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0016627
US-10-257-017B-293614

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      5 CCCTACGT 12
Db      8 CCCTACGT 1

RESULT 270
US-10-257-017B-295535/c
; Sequence 295535, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 295535
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0016627
US-10-257-017B-295535

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      5 CCCTACGT 12
Db      8 CCCTACGT 1

RESULT 271
US-10-257-017B-295537
; Sequence 295537, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 295537
; LENGTH: 12
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0016628
US-10-257-017B-295537

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 CCCTACGT 12
Db 5 CCCTACGT 12

RESULT 272
US-10-257-017B-297053/c
; Sequence 297053, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 297053
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0017414
US-10-257-017B-297053

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 CCCTACGT 12
Db 10 CCCTACGT 3

RESULT 273
US-10-257-017B-306721/c
; Sequence 306721, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 306721
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022148
US-10-257-017B-306721

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 CCCTACGT 12
Db 10 CCCTACGT 3

RESULT 274
US-10-257-017B-310676/c
; Sequence 310676, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 310676
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0024049
US-10-257-017B-310676

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTA 15
Db 11 TACGTGTA 4

RESULT 275
US-10-257-017B-313383
; Sequence 313383, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 313383
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025713
US-10-257-017B-313383

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 CCCTACGT 12
Db 5 CCCTACGT 12

RESULT 276
US-10-257-017B-313957
; Sequence 313957, Application US/10257017B
; GENERAL INFORMATION:
```

```
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 313957
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0026047
US-10-257-017B-313957

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTA 15
Db      2 TACGTGTA 9

RESULT 277
US-10-257-017B-313961
; Sequence 313961, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 313961
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0026047
US-10-257-017B-313961

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTA 15
Db      2 TACGTGTA 9

RESULT 278
US-10-257-017B-316186
; Sequence 316186, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 316186
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0026047
US-10-257-017B-316186
```

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; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 316186
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0027326
US-10-257-017B-316186

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      17 AGGGAGTC 24
Db      5 AGGGAGTC 12

RESULT 279
US-10-257-017B-328918/c
; Sequence 328918, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 328918
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034654
US-10-257-017B-328918

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      17 AGGGAGTC 24
Db      11 AGGGAGTC 4

RESULT 280
US-10-257-017B-356331
; Sequence 356331, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 356331
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0050060
US-10-257-017B-356331
```

```
Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTA 15
        |||||
Db      1 TACGTGTA 8

RESULT 281
US-10-257-017B-356333
; Sequence 356333, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 356333
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0050060
US-10-257-017B-356333

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTA 15
        |||||
Db      1 TACGTGTA 8

RESULT 282
US-10-257-017B-356623/c
; Sequence 356623, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 356623
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0050224
US-10-257-017B-356623

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTA 15
        |||||
Db     11 TACGTGTA 4

RESULT 283
US-10-257-017B-359372/c
; Sequence 359372, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 359372
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0051593
US-10-257-017B-359372

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTA 15
        |||||
Db      9 TACGTGTA 2

RESULT 284
US-10-257-017B-362461
; Sequence 362461, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 362461
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0053239
US-10-257-017B-362461

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTA 15
        |||||
Db      4 TACGTGTA 11

RESULT 285
US-10-257-017B-363232
; Sequence 363232, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
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; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 363232
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0053719
US-10-257-017B-363232

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTA 15
DB      3 TACGTGTA 10

RESULT 286
US-10-257-017B-375376/c
; Sequence 375376, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 375376
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0061224
US-10-257-017B-375376

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5 CCCTACGT 12
DB      9 CCCTACGT 2

RESULT 287
US-10-257-017B-376075/c
; Sequence 376075, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 376075
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0061603
US-10-257-017B-376075

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      5 CCCTACGT 12
DB      10 CCCTACGT 3

RESULT 288
US-10-708-951-20987/c
; Sequence 20987, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20987
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Homo sapiens
; ORGANISM: Homo sapiens
US-10-708-951-20987

Query Match      27.9%; Score 7.8; DB 1; Length 11;
Best Local Similarity 81.8%; Pred. No. 1.9e+02;
Matches      9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      13 GTACAGGAGT 23
DB      11 GTACAGTAAGT 1

RESULT 289
US-10-708-951-41069/c
; Sequence 41069, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41069
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Homo sapiens
; ORGANISM: Homo sapiens
US-10-708-951-41069

Query Match      27.9%; Score 7.8; DB 1; Length 11;
Best Local Similarity 81.8%; Pred. No. 1.9e+02;
Matches      9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      13 GTACAGGAGT 23
DB      11 GTACAGTAAGT 1

RESULT 290
US-10-257-017B-318372/c
; Sequence 318372, Application US/10257017B
; GENERAL INFORMATION:
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; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 318372
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0028620
US-10-257-017B-318372

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAG 22
Db 12 TGTAGAGGTAG 2

RESULT 291
US-10-257-017B-323347/c
; Sequence 323347, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 323347
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031342
US-10-257-017B-323347

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGTGTA 15
Db 11 CCTACACGTA 1

RESULT 292
US-10-257-017B-267366
; Sequence 267366, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 271559
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0000178
US-10-257-017B-271559/c

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23
Db 12 GAAGAGGGAGT 2

RESULT 293
US-10-257-017B-267405/c
; Sequence 267405, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 267405
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0000178
US-10-257-017B-267405

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23
Db 12 GAAGAGGGAGT 2

RESULT 294
US-10-257-017B-271559/c
; Sequence 271559, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 271559
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002548
US-10-257-017B-271559
```

```
Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGTCCAG 27
DB 11 AGTGAGTCGAG 1

RESULT 295
US-10-257-017B-272595
; Sequence 272595, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 272595
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002871
US-10-257-017B-272595

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
DB 2 GTGTAAAGGGA 12

RESULT 296
US-10-257-017B-273652/c
; Sequence 273652, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273652
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003258
US-10-257-017B-273652

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAG 18
DB 12 TACGTGTTAG 2

RESULT 297
US-10-257-017B-274023/c
; Sequence 274023, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 274023
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003399
US-10-257-017B-274023

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
DB 11 GTGTATAGGAA 1

RESULT 298
US-10-257-017B-274503/c
; Sequence 274503, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 274503
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003574
US-10-257-017B-274503

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAG 22
DB 12 TGTAGAGGAGT 2

RESULT 299
US-10-257-017B-276361/c
; Sequence 276361, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
```

```
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 276361
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0004166
US-10-257-017B-276361

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23
Db 12 GTATAGGAAT 2

RESULT 300
US-10-257-017B-276730
; Sequence 276730, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 276730
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0004271
US-10-257-017B-276730

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7 CTACGTGTACA 17
Db 1 CTACCTATACA 11

RESULT 301
US-10-257-017B-276730/c
; Sequence 276730, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 276730
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0004271
US-10-257-017B-276730

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 18 GGGAGTCCAGG 28
Db 1 GGGAGTAGAGG 11

RESULT 303
US-10-257-017B-281216
; Sequence 281216, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 281216
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0009554
US-10-257-017B-281216

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```



```
QY      12 TGTACAGGGAG 22
Db      1 TGGAGAGGGAG 11

RESULT 304
US-10-257-017B-281358
; Sequence 281358, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 281358
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0009679
US-10-257-017B-281358

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      14 TACAGGGAGTC 24
Db      2 TAGAGGGAGTC 12

RESULT 305
US-10-257-017B-281982/c
; Sequence 281982, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 281982
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010233
US-10-257-017B-281982

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAG 22
Db      12 TGTATATGGAG 2

RESULT 306
US-10-257-017B-283061/c
; Sequence 283061, Application US/10257017B
```

```
QY      12 TGTACAGGGAG 22
Db      1 TGGAGAGGGAG 11

GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 283061
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0011128
US-10-257-017B-283061

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      13 GTACAGGGAGT 23
Db      12 GTAAAGGGAGT 2

RESULT 307
US-10-257-017B-284182
; Sequence 284182, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 284182
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0011701
US-10-257-017B-284182

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7 CTACGTGTACA 17
Db      1 CTACGTGTACA 11

RESULT 308
US-10-257-017B-285439/c
; Sequence 285439, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
```

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; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 285439
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012289
US-10-257-017B-285439

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGTCCAG 27
   |||||
Db 11 AGGAGTTCAG 1

RESULT 309
US-10-257-017B-286373/c
; Sequence 286373, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 286373
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012697
US-10-257-017B-286373

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
   |||||
Db 11 GTATAGGAAGT 1

RESULT 310
US-10-257-017B-289444
; Sequence 289444, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 289444
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0013940
US-10-257-017B-289444

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGA 21
   |||||
Db 2 GTTATAGGGA 12

US-10-257-017B-289444
Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGA 21
   |||||
Db 2 GTTATAGGGA 12

RESULT 311
US-10-257-017B-289636/c
; Sequence 289636, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 289636
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0014025
US-10-257-017B-289636

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGTCCAG 27
   |||||
Db 11 AGGAGTAGAG 1

RESULT 312
US-10-257-017B-289720
; Sequence 289720, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 289720
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0014063
US-10-257-017B-289720

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGA 21
   |||||
Db 2 GTGATAGGGA 12
```

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RESULT 313
US-10-257-017B-292908/c
; Sequence 292908, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 292908
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0015403
US-10-257-017B-292908

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      9  ACGGTACAGG 19
Db      11  ACGTGAATAGG 1

RESULT 314
US-10-257-017B-293312/c
; Sequence 293312, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 293312
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0015568
US-10-257-017B-293312

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8  TACGTGTACAG 18
Db      12  TACGTGTTAG 2

RESULT 315
US-10-257-017B-293737/c
; Sequence 293737, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
```

```
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 293737
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0015757
US-10-257-017B-293737

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12  TGTACAGGGAG 22
Db      11  TGTGTAGGGAG 1

RESULT 316
US-10-257-017B-294482
; Sequence 294482, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 294482
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0016139
US-10-257-017B-294482

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12  TGTACAGGGAG 22
Db      1  TATATAGGGAG 11

RESULT 317
US-10-257-017B-295634/c
; Sequence 295634, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 295634
```

; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0016664  
US-10-257-017B-295634

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 2.3e+02;  
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TAGGTGTACAG 18  
||| ||||| |||  
Db 11 TAAGTGTATAG 1

RESULT 318  
US-10-257-017B-296575  
; Sequence 296575, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; TITLE OF INVENTION: methylations  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 296575  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0017153  
US-10-257-017B-296575

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 2.3e+02;  
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TAGGTGTACAG 18  
||| ||||| |||  
Db 1 TAGGTGTATAG 11

RESULT 319  
US-10-257-017B-298605/c  
; Sequence 298605, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; TITLE OF INVENTION: methylations  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 298605  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018188  
US-10-257-017B-298605

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 2.3e+02;

Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 12 TGTACAGGGAG 22  
||| ||||| |||  
Db 11 TGAAGAAGGAG 1

RESULT 320  
US-10-257-017B-298607/c  
; Sequence 298607, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; TITLE OF INVENTION: methylations  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 298607  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018189  
US-10-257-017B-298607

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 2.3e+02;  
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23  
||| ||||| |||  
Db 12 GAAAGGGAGT 2

RESULT 321  
US-10-257-017B-299134  
; Sequence 299134, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; TITLE OF INVENTION: methylations  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 299134  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018444  
US-10-257-017B-299134

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 2.3e+02;  
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21  
||| ||||| |||  
Db 2 GTGTAAATGGA 12

RESULT 322  
US-10-257-017B-299789

```
; Sequence 299789, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 299789
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018745
US-10-257-017B-299789

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGGA 21
Db      2 GAGTAGAGGGA 12

RESULT 323
US-10-257-017B-300065
; Sequence 300065, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 300065
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018851
US-10-257-017B-300065

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGGA 21
Db      2 GTGTAGTGGGA 12

RESULT 324
US-10-257-017B-300067
; Sequence 300067, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 301686
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0019154
US-10-257-017B-300705

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6 CCTACGTGTAC 16
Db      1 CCTACCTATAC 11

RESULT 325
US-10-257-017B-300705
; Sequence 300705, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 300705
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0019154
US-10-257-017B-300705

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6 CCTACGTGTAC 16
Db      1 CCTACCTATAC 11

RESULT 326
US-10-257-017B-301686
; Sequence 301686, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 301686
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0019610
US-10-257-017B-301686

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
DB 2 GTGTTAGGGA 12

RESULT 327
US-10-257-017B-302468/c
; Sequence 302468, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 302468
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0020005
US-10-257-017B-302468

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
DB 11 GTATAGAGGGA 1

RESULT 328
US-10-257-017B-303184
; Sequence 303184, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 303184
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0020357
US-10-257-017B-303184

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
DB 11 GTGTTAGGGA 12
```

```
Db 1 GTATAAAGGGA 11

RESULT 329
US-10-257-017B-303979/c
; Sequence 303979, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 303979
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0020734
US-10-257-017B-303979

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
DB 11 GTGCGGGAGT 1

RESULT 330
US-10-257-017B-304190
; Sequence 304190, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 304190
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0020811
US-10-257-017B-304190

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGGTACAGGG 20
DB 1 CGGTAGAGGG 11

RESULT 331
US-10-257-017B-304237/c
; Sequence 304237, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
```

```
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 304237
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0020830
US-10-257-017B-304237

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      13 GTACAGGGAGT 23
DB      11 GTATAGAGAT 1

RESULT 332
US-10-257-017B-306314
; Sequence 306314, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 306314
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0021942
US-10-257-017B-306314

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      13 GTACAGGGAGT 23
DB      2 GTATAGGGAT 12

RESULT 333
US-10-257-017B-306426
; Sequence 306426, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
```

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; SEQ ID NO 306426
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022010
US-10-257-017B-306426

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7 CTACGTGTACA 17
DB      1 CTACGTATAAA 11

RESULT 334
US-10-257-017B-307592/c
; Sequence 307592, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 307592
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022580
US-10-257-017B-307592

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      18 GGGAGTCCAGG 28
DB      11 GGGAGTTTAGG 1

RESULT 335
US-10-257-017B-308044/c
; Sequence 308044, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 308044
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022851
US-10-257-017B-308044

Query Match      27.9%; Score 7.8; DB 1; Length 12;
```

```
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTAGCTGTAC 16
Db 11 CCTAGGTATCC 1

RESULT 336
US-10-257-017B-310519
; Sequence 310519, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 310519
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0024019
US-10-257-017B-310519

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGTCCAG 27
Db 2 AGGAGTATAG 12

RESULT 337
US-10-257-017B-311141
; Sequence 311141, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 311141
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0024326
US-10-257-017B-311141

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAG 22
Db 2 TGTATAGTGCAG 12

RESULT 338
US-10-257-017B-310519
; Sequence 310519, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 310519
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025019
US-10-257-017B-312368/c
; Sequence 312368, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 312368
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025019
US-10-257-017B-312368

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAG 22
Db 11 TTTATAGGAG 1

RESULT 339
US-10-257-017B-312431
; Sequence 312431, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 312431
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025051
US-10-257-017B-312431

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGTCCAG 27
Db 1 AGTGAGTCAG 11

RESULT 340
US-10-257-017B-312436/c
; Sequence 312436, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
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; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 312436
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025053
US-10-257-017B-312436

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      17 AGGGAGTCGAG 27
Db      12 AGTGAGTCGAG 2

RESULT 341
US-10-257-017B-313093/c
; Sequence 313093, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 313093
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025477
US-10-257-017B-313093

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      13 GTACAGGGAGT 23
Db      11 GTAGAGTGAGT 1

RESULT 342
US-10-257-017B-313423/c
; Sequence 313423, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 313423
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025752
US-10-257-017B-313423

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      13 GTACAGGGAGT 23
Db      12 GTTGAGGGAGT 2

RESULT 343
US-10-257-017B-313479
; Sequence 313479, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 313479
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025791
US-10-257-017B-313479

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAG 18
Db      1 TACGTGTTAG 11

RESULT 344
US-10-257-017B-314459
; Sequence 314459, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 314459
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0026375
US-10-257-017B-314459

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGGA 21
```



NUMBER OF SEQ ID NOS: 382046  
SEQ ID NO 317955

LENGTH: 12  
TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0028355

Query Match 27.9%; Score 7.8; DB 1; Length 12;

Best Local Similarity 81.8%; Pred. No. 2.3e+02;

Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAG 18

Db 2 TACGAGTATAG 12

RESULT 350

US-10-257-017B-317995

Sequence 317995, Application US/10257017B

GENERAL INFORMATION:

APPLICANT: Alexander Olek

APPLICANT: Kurt Berlin

TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine

FILE REFERENCE: E01/1193/WO

CURRENT APPLICATION NUMBER: US/10/257,017B

PRIOR FILING DATE: 2002-10-07

PRIOR APPLICATION NUMBER: DE 10019173.8

PRIOR FILING DATE: 2000-04-07

NUMBER OF SEQ ID NOS: 382046

SEQ ID NO 317995

LENGTH: 12

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0028368

US-10-257-017B-317995

Query Match 27.9%; Score 7.8; DB 1; Length 12;

Best Local Similarity 81.8%; Pred. No. 2.3e+02;

Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGGTGTACAGG 20

Db 2 CGGTGTACAGG 12

RESULT 351

US-10-257-017B-318378/c

Sequence 318378, Application US/10257017B

GENERAL INFORMATION:

APPLICANT: Alexander Olek

APPLICANT: Kurt Berlin

TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine

FILE REFERENCE: E01/1193/WO

CURRENT APPLICATION NUMBER: US/10/257,017B

PRIOR FILING DATE: 2002-10-07

PRIOR APPLICATION NUMBER: DE 10019173.8

PRIOR FILING DATE: 2000-04-07

NUMBER OF SEQ ID NOS: 382046

SEQ ID NO 318378

LENGTH: 12

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0028624

US-10-257-017B-318378

Query Match 27.9%; Score 7.8; DB 1; Length 12;

Best Local Similarity 81.8%; Pred. No. 2.3e+02;

Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23

Db 12 GGAGAGGGAGT 2

RESULT 352

US-10-257-017B-318834/c

Sequence 318834, Application US/10257017B

GENERAL INFORMATION:

APPLICANT: Alexander Olek

APPLICANT: Kurt Berlin

TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine

FILE REFERENCE: E01/1193/WO

CURRENT APPLICATION NUMBER: US/10/257,017B

PRIOR FILING DATE: 2002-10-07

PRIOR APPLICATION NUMBER: DE 10019173.8

PRIOR FILING DATE: 2000-04-07

NUMBER OF SEQ ID NOS: 382046

SEQ ID NO 318834

LENGTH: 12

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0028917

US-10-257-017B-318834

Query Match 27.9%; Score 7.8; DB 1; Length 12;

Best Local Similarity 81.8%; Pred. No. 2.3e+02;

Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23

Db 12 GTAAAGGGATT 2

RESULT 353

US-10-257-017B-319676

Sequence 319676, Application US/10257017B

GENERAL INFORMATION:

APPLICANT: Alexander Olek

APPLICANT: Kurt Berlin

TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine

FILE REFERENCE: E01/1193/WO

CURRENT APPLICATION NUMBER: US/10/257,017B

PRIOR FILING DATE: 2002-10-07

PRIOR APPLICATION NUMBER: DE 10019173.8

PRIOR FILING DATE: 2000-04-07

NUMBER OF SEQ ID NOS: 382046

SEQ ID NO 319676

LENGTH: 12

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0029352

US-10-257-017B-319676

Query Match 27.9%; Score 7.8; DB 1; Length 12;

Best Local Similarity 81.8%; Pred. No. 2.3e+02;

Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 9 ACGTGTACAGG 19

Db 1 ACGTATAAGG 11



; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031859  
US-10-257-017B-324199

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 2.3e+02;  
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23  
||| ||| ||| |||  
Db 2 GTATAGGAGT 12

RESULT 359  
US-10-257-017B-326585  
; Sequence 326585, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; TITLE OF INVENTION: methylation  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 326585  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0033166  
US-10-257-017B-326585

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 2.3e+02;  
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGGTACAGGG 20  
||| ||| ||| |||  
Db 1 CGGTACAGGG 11

RESULT 360  
US-10-257-017B-326589  
; Sequence 326589, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; TITLE OF INVENTION: methylation  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 326589  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0033166  
US-10-257-017B-326589

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 2.3e+02;  
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGGTACAGGG 20  
||| ||| ||| |||  
Db 1 CGGTACAGGG 11

RESULT 361  
US-10-257-017B-327497  
; Sequence 327497, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; TITLE OF INVENTION: methylation  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 327497  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0033686  
US-10-257-017B-327497

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 2.3e+02;  
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACCGTGA 15  
||| ||| ||| |||  
Db 2 CCTACCGTGA 12

RESULT 362  
US-10-257-017B-328297  
; Sequence 328297, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; TITLE OF INVENTION: methylation  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 328297  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034221  
US-10-257-017B-328297

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 2.3e+02;  
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23  
||| ||| ||| |||  
Db 2 GTACAGGGAGT 12

RESULT 363  
US-10-257-017B-328727  
; Sequence 328727, Application US/10257017B  
; GENERAL INFORMATION:

```
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ TITLE OF INVENTION: methylations
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 328727
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034507
US-10-257-017B-328727

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      18 GGGAGTCCAGG 28
Db      1 GGGAGTTTAGG 11

RESULT 364
US-10-257-017B-328728
/ Sequence 328728, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ TITLE OF INVENTION: methylations
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 328728
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034507
US-10-257-017B-328728

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      18 GGGAGTCCAGG 28
Db      1 GGGAGTTTAGG 11

RESULT 365
US-10-257-017B-329472/c
/ Sequence 329472, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ TITLE OF INVENTION: methylations
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
```

```
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 329472
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034961
US-10-257-017B-329472

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      13 GTACAGGCAGT 23
Db      12 GTATAGGAAGT 2

RESULT 366
US-10-257-017B-329506/c
/ Sequence 329506, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ TITLE OF INVENTION: methylations
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 329506
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034969
US-10-257-017B-329506

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6 CCTACGCTGTAC 16
Db      11 CGTGGCTGTAC 1

RESULT 367
US-10-257-017B-329543/c
/ Sequence 329543, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ TITLE OF INVENTION: methylations
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 329543
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034985
US-10-257-017B-329543
```

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Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
DB 12 GTAGAGGTACT 2

RESULT 368
US-10-257-017B-329588/c
; Sequence 329588, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 329588
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0035020
US-10-257-017B-329588

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGGTCCAG 27
DB 12 AGGGAGTAG 2

RESULT 369
US-10-257-017B-330374/c
; Sequence 330374, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 330374
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0035480
US-10-257-017B-330374

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7 CTACGTGTACA 17
DB 12 CTACTTCTACA 2

```

```

RESULT 370
US-10-257-017B-330436/c
; Sequence 330436, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 330436
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0035525
US-10-257-017B-330436

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGGTCCAG 27
DB 12 AGGGAGTTCG 2

RESULT 371
US-10-257-017B-335291/c
; Sequence 335291, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 335291
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0038711
US-10-257-017B-335291

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGACAGGGAG 22
DB 11 TATAAGGGAG 1

RESULT 372
US-10-257-017B-335891
; Sequence 335891, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

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/ TITLE OF INVENTION: methylations
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ PRIOR FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 335891
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0039096
US-10-257-017B-335891

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
Db 2 GTGAAAGGGA 12

RESULT 373
US-10-257-017B-336406/c
/ Sequence 336406, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 336406
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0039349
US-10-257-017B-336406

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
Db 11 GTGTATGGGGA 1

RESULT 374
US-10-257-017B-338282
/ Sequence 338282, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 338282
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0040813
US-10-257-017B-339067

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAG 18
Db 2 TAGGTGTAAG 12

RESULT 375
US-10-257-017B-338484
/ Sequence 338484, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 338484
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0040513
US-10-257-017B-338484

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAG 18
Db 2 TAGGTGTAAG 12

RESULT 376
US-10-257-017B-339067
/ Sequence 339067, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 339067
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0040813
US-10-257-017B-339067

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAG 18
Db 2 TAGGTGTAAG 12

RESULT 377
US-10-257-017B-338282
/ Sequence 338282, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 338282
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0040813
US-10-257-017B-338282

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```



QY 12 TGTCACGGGAG 22  
Db 2 TTACAGGGGAG 12

## RESULT 377

US-10-257-017B-339453  
; Sequence 339453, Application US/10257017B

; GENERAL INFORMATION:

; APPLICANT: Alexander Olek

; APPLICANT: Kurt Berlin

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

; FILE REFERENCE: E01/1193/WO

; CURRENT FILING DATE: 2002-10-07

; PRIOR FILING DATE: 2000-04-07

; NUMBER OF SEQ ID NOS: 382046

; SEQ ID NO 339453

; LENGTH: 12

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0041010

US-10-257-017B-339453

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 2.3e+02;  
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 9 ACGGTACAGG 19  
Db 1 AAGGTATAGG 11

## RESULT 378

US-10-257-017B-340416

; Sequence 340416, Application US/10257017B

; GENERAL INFORMATION:

; APPLICANT: Alexander Olek

; APPLICANT: Kurt Berlin

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

; FILE REFERENCE: E01/1193/WO

; CURRENT FILING DATE: 2002-10-07

; PRIOR FILING DATE: 2000-04-07

; NUMBER OF SEQ ID NOS: 382046

; SEQ ID NO 340416

; LENGTH: 12

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0041516

US-10-257-017B-340416

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 2.3e+02;  
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCCTACGTGTA 15  
Db 1 CCCTACATTA 11

## RESULT 379

US-10-257-017B-342694

; Sequence 342694, Application US/10257017B

; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 342694  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010536  
US-10-257-017B-342694

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 2.3e+02;  
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTGTAC 16  
Db 2 CCTACGTCTCC 12

## RESULT 380

US-10-257-017B-344766

; Sequence 344766, Application US/10257017B

; GENERAL INFORMATION:

; APPLICANT: Alexander Olek

; APPLICANT: Kurt Berlin

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

; FILE REFERENCE: E01/1193/WO

; CURRENT FILING DATE: 2002-10-07

; PRIOR FILING DATE: 2000-04-07

; NUMBER OF SEQ ID NOS: 382046

; SEQ ID NO 344766

; LENGTH: 12

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0043696

US-10-257-017B-344766

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 2.3e+02;  
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTGTAC 16  
Db 2 CCTACTTCTAC 12

## RESULT 381

US-10-257-017B-345269

; Sequence 345269, Application US/10257017B

; GENERAL INFORMATION:

; APPLICANT: Alexander Olek

; APPLICANT: Kurt Berlin

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

; FILE REFERENCE: E01/1193/WO

; CURRENT FILING DATE: 2002-10-07

; NUMBER OF SEQ ID NOS: 382046

; SEQ ID NO 345269

; LENGTH: 12

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0043696

US-10-257-017B-345269

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/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 345269
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0043939
US-10-257-017B-345269

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
Db 1 GTGTATAGGAA 11

RESULT 382
US-10-257-017B-346722
/ Sequence 346722, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ TITLE OF INVENTION: methylations
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 346722
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0044718
US-10-257-017B-346722

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAG 18
Db 2 TACGTTTAGAG 12

RESULT 383
US-10-257-017B-347124/c
/ Sequence 347124, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ TITLE OF INVENTION: methylations
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 347124
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0044921
US-10-257-017B-347124

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAG 22
Db 12 TGTAAAGAGAG 2

RESULT 384
US-10-257-017B-347254/c
/ Sequence 347254, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ TITLE OF INVENTION: methylations
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 347254
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0044987
US-10-257-017B-347254

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23
Db 12 GTAAATGGAGT 2

RESULT 385
US-10-257-017B-349585/c
/ Sequence 349585, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ TITLE OF INVENTION: methylations
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 349585
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0006053
US-10-257-017B-349585

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23
Db 12 GAATAGGGAGT 2
```

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; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 351620
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0047410
US-10-257-017B-351620

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6 CCTACGCTGAC 16
DB      12 CCGCGGTGTAC 2

RESULT 386
US-10-257-017B-351620/c
; Sequence 351620, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 351620
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0047410
US-10-257-017B-351620

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6 CCTACGCTGAC 16
DB      12 CCGCGGTGTAC 2

RESULT 387
US-10-257-017B-351903/c
; Sequence 351903, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 351903
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0047561
US-10-257-017B-351903

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGCTGTACAG 18
DB      11 TATGTGTATAG 1

RESULT 388
US-10-257-017B-352705
; Sequence 352705, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 352705
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0048048
US-10-257-017B-352705

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAG 22
DB      2 TATATAGGGAG 12

RESULT 389
US-10-257-017B-354546
; Sequence 354546, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 354546
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007126
US-10-257-017B-354546

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAG 22
DB      2 TGTGAGGGAG 12

RESULT 390
US-10-257-017B-354916
; Sequence 354916, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 354916
```

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; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0049362
US-10-257-017B-354916

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAG 22
Db 2 TGTATTGGGAG 12

RESULT 391
US-10-257-017B-355436
; Sequence 355436, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 355436
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010480
US-10-257-017B-355436

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAG 22
Db 2 TGTGTAGGGAG 12

RESULT 392
US-10-257-017B-357410
; Sequence 357410, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 357410
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0050598
US-10-257-017B-357410

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAG 22
Db 2 TGTGTAGGGAG 12

RESULT 393
US-10-257-017B-359423
; Sequence 359423, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 359423
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0051604
US-10-257-017B-359423

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 14 TACAGGGAGTC 24
Db 2 TAAAGGGATTC 12

RESULT 394
US-10-257-017B-360057
; Sequence 360057, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 360057
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0051905
US-10-257-017B-360057

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACAGTGTA 15
Db 1 CCTACCTTTA 11

RESULT 395
US-10-257-017B-360914/c
```

```
Sequence 360914, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 360914
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007660
US-10-257-017B-360914

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGTCCAG 27
Db 11 AGGAGTTAAG 1

RESULT 396
US-10-257-017B-360925/c
; Sequence 360925, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 360925
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0052374
US-10-257-017B-360925

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGA 21
Db 11 GTTTAAAGGA 1

RESULT 397
US-10-257-017B-361219/c
; Sequence 361219, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 366438
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0054346
US-10-257-017B-366438

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 75.0%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 9 ACGTGTACAGG 20
Db 12 ATGTTTANAGG 1

RESULT 398
US-10-257-017B-364211/c
; Sequence 364211, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 364211
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0054346
US-10-257-017B-364211

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 75.0%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 9 ACGTGTACAGG 20
Db 12 ATGTTTANAGG 1

RESULT 399
US-10-257-017B-366438
; Sequence 366438, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 366438
```

; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0055758  
US-10-257-017B-368438

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 2.3e+02;  
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 18 GGGAGTCCAGG 28  
|||  
Db 1 GTGAGTCGAGG 11

RESULT 400  
US-10-257-017B-368188  
; Sequence 368188, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 368188  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0056841  
US-10-257-017B-368188

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 2.3e+02;  
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TAGGTGTACAG 18  
|||  
Db 2 TAGGTGTATAG 12

RESULT 401  
US-10-257-017B-368694/c  
; Sequence 368694, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 368694  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0057156  
US-10-257-017B-368694

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 2.3e+02;

Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 8 TAGGTGTACAG 18  
|||  
Db 12 TAAGTGTAAAG 2  
|||  
RESULT 402  
US-10-257-017B-369019  
; Sequence 369019, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 369019  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0057405  
US-10-257-017B-369019

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 2.3e+02;  
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 18 GGGAGTCCAGG 28  
|||  
Db 2 GGGAGTTCAGG 12

RESULT 403  
US-10-257-017B-370020  
; Sequence 370020, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 370020  
; LENGTH: 12  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0057941  
US-10-257-017B-370020

Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 81.8%; Pred. No. 2.3e+02;  
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTCAGGGAG 22  
|||  
Db 2 TGTCAGGAGAG 12

RESULT 404  
US-10-257-017B-370243

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; Sequence 370243, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 370243
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0058069
US-10-257-017B-370243

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6 CCTACGTGTAC 16
DB      2 CCTACATTAC 12

RESULT 405
US-10-257-017B-370656/c
; Sequence 370656, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 370656
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0058293
US-10-257-017B-370656

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAG 22
DB      11 TGTAGAGGAG 1

RESULT 406
US-10-257-017B-371290
; Sequence 371290, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 371290
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0058695
US-10-257-017B-371290

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAG 18
DB      2 TAAGTGTAAG 12

RESULT 407
US-10-257-017B-372617/c
; Sequence 372617, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 372617
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0059501
US-10-257-017B-372617

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAG 22
DB      12 TGTATATGGAG 2

RESULT 408
US-10-257-017B-374440/c
; Sequence 374440, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 374440
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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```
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0060697
US-10-257-017B-374440

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 17 AGGAGTCCAG 27
    |||||
Db 11 AGGAGGCGAG 1

RESULT 409
US-10-257-017B-375026/c
; Sequence 375026, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 375026
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0060699
US-10-257-017B-375026

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 11 GTGTACAGGGA 21
    |||||
Db 11 GTTTATAGGGA 1

RESULT 410
US-10-257-017B-376374/c
; Sequence 376374, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 376374
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0061770
US-10-257-017B-376374

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 13 GTACAGGAGT 23
    |||||
```

```
Db 12 GTAAAGAGAGT 2

RESULT 411
US-10-257-017B-377645/c
; Sequence 377645, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 377645
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0001398
US-10-257-017B-377645

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 11 GTGTACAGGGA 21
    |||||
Db 11 GAGTAGAGGGA 1

RESULT 412
US-10-257-017B-380460/c
; Sequence 380460, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 380460
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0063833
US-10-257-017B-380460

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 13 GTACAGGAGT 23
    |||||
Db 12 GTAGAGGAGT 2

RESULT 413
US-10-257-017B-380651/c
; Sequence 380651, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
```



Query Match 27.9%; Score 7.8; DB 1; Length 12;  
Best Local Similarity 63.6%; Pred. No. 2.3e+02.

```
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
QY 7 CTACGTGTACA 17
   |||:||||
Db 1 CUACUGCACA 11

RESULT 418
US-10-708-951-41057/c
; Sequence 41057, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41057
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-41057

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 8 TACGTGTACAG 18
   |||:||||
Db 12 TTCACTGTACAG 2

RESULT 419
US-10-708-951-43375
; Sequence 43375, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43375
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-43375

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 63.6%; Pred. No. 2.3e+02;
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
QY 7 CTACGTGTACA 17
   |||:||||
Db 1 CUACUGCACA 11

RESULT 420
US-10-257-017B-118027
; Sequence 118027, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
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```
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 118027
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029509
US-10-257-017B-118027

Query Match 27.9%; Score 7.8; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 2.7e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 12 TGTACAGGAG 22
   |||:||||
Db 1 TGTAGAGGTAG 11

RESULT 421
US-10-257-017B-118028/c
; Sequence 118028, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 118028
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029509
US-10-257-017B-118028

Query Match 27.9%; Score 7.8; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 2.7e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 12 TGTACAGGAG 22
   |||:||||
Db 13 TGTAGAGGTAG 3

RESULT 422
US-10-257-017B-119279
; Sequence 119279, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 119279
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029787
```

US-10-257-017B-119279

Query Match 27.9%; Score 7.8; DB 1; Length 13;  
Best Local Similarity 69.2%; Pred. No. 2.7e+02;  
Matches 9; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGTC 24  
|||||  
DB 1 TGTAAACGTAGTY 13

RESULT 423

US-10-257-017B-119280/c  
; Sequence 119280, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 119280  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029787  
US-10-257-017B-119280

Query Match 27.9%; Score 7.8; DB 1; Length 13;  
Best Local Similarity 69.2%; Pred. No. 2.7e+02;  
Matches 9; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGTC 24  
|||||  
DB 13 TGTAAACGTAGTY 1

RESULT 424

US-10-257-017B-144691  
; Sequence 144691, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 144691  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0036396  
US-10-257-017B-144691

Query Match 27.9%; Score 7.8; DB 1; Length 13;  
Best Local Similarity 69.2%; Pred. No. 2.7e+02;  
Matches 9; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGTC 24  
|||||  
DB 1 TGTAGACGTAGTY 13

RESULT 425

US-10-257-017B-144692/c  
; Sequence 144692, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 144692  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0036396  
US-10-257-017B-144692

Query Match 27.9%; Score 7.8; DB 1; Length 13;  
Best Local Similarity 69.2%; Pred. No. 2.7e+02;  
Matches 9; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGTC 24  
|||||  
DB 13 TGTAGACGTAGTY 1

RESULT 426

US-10-257-017B-136727/c  
; Sequence 136727, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin  
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine  
; FILE REFERENCE: E01/1193/WO  
; CURRENT APPLICATION NUMBER: US/10/257,017B  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: DE 10019173.8  
; PRIOR FILING DATE: 2000-04-07  
; NUMBER OF SEQ ID NOS: 382046  
; SEQ ID NO 136727  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034175  
US-10-257-017B-136727

Query Match 27.9%; Score 7.8; DB 1; Length 13;  
Best Local Similarity 81.8%; Pred. No. 2.7e+02;  
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7 CTACGGTGATCA 17  
|||||  
DB 11 CTCGGTTTACA 1

RESULT 427

US-10-257-017B-136728  
; Sequence 136728, Application US/10257017B  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Olek  
; APPLICANT: Christian Piepenbrock  
; APPLICANT: Kurt Berlin

```
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 136728
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034175
US-10-257-017B-136728

Query Match      27.9%; Score 7.8; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 2.7e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7 CTACGTGTACA 17
      ||| ||| |||
Db      3 CTCGGTTACA 13

RESULT 428
PCT-US02-31548A-28
; Sequence 28, Application PC/TUS0231548A
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF CHICAGO
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING APOPTOSIS
; FILE REFERENCE: 21459-93822
; CURRENT APPLICATION NUMBER: PCT/US02/31548A
; CURRENT FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/326,492
; PRIOR FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: 60/328,811
; PRIOR FILING DATE: 2001-10-21
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
PCT-US02-31548A-28

Query Match      26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      18 GGGAGTCCA 26
      ||| ||| |||
Db      2 GGGATTCCA 10

RESULT 429
PCT-US02-31548A-38
; Sequence 38, Application PC/TUS0231548A
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF CHICAGO
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING APOPTOSIS
; FILE REFERENCE: 21459-93822
; CURRENT APPLICATION NUMBER: PCT/US02/31548A
; CURRENT FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/326,492
; PRIOR FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: 60/328,811
; PRIOR FILING DATE: 2001-10-21
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 38

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 136728
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034175
US-10-257-017B-136728

Query Match      27.9%; Score 7.8; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 2.7e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7 CTACGTGTACA 17
      ||| ||| |||
Db      3 CTCGGTTACA 13

RESULT 428
PCT-US02-31548A-28
; Sequence 28, Application PC/TUS0231548A
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF CHICAGO
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING APOPTOSIS
; FILE REFERENCE: 21459-93822
; CURRENT APPLICATION NUMBER: PCT/US02/31548A
; CURRENT FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/326,492
; PRIOR FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: 60/328,811
; PRIOR FILING DATE: 2001-10-21
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
PCT-US02-31548A-28

Query Match      26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      18 GGGAGTCCA 26
      ||| ||| |||
Db      2 GGGATTCCA 10

RESULT 429
PCT-US02-31548A-38
; Sequence 38, Application PC/TUS0231548A
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF CHICAGO
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING APOPTOSIS
; FILE REFERENCE: 21459-93822
; CURRENT APPLICATION NUMBER: PCT/US02/31548A
; CURRENT FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/326,492
; PRIOR FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: 60/328,811
; PRIOR FILING DATE: 2001-10-21
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 38
```

```
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Mus musculus
PCT-US02-31548A-38

Query Match      26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      18 GGGAGTCCA 26
      ||| ||| |||
Db      2 GGGATTCCA 10

RESULT 430
PCT-US03-25614-19
; Sequence 19, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-19

Query Match      26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      8 TACGTGTAC 16
      ||| ||| |||
Db      2 TAAGTGTAC 10

RESULT 431
PCT-US03-25614-20
; Sequence 20, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-20

Query Match      26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      8 TACGTGTAC 16
      ||| ||| |||
```

```
Db      2 TAAGTGAC 10

RESULT 432
PCT-US03-25614-188/c
; Sequence 188, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; TITLE OF INVENTION: The Johns Hopkins University
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 188
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-188

Query Match      26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3 GGCCTAGC 11
      |||||
Db      10 GGCCTAGC 2

RESULT 433
PCT-US03-25614-754/c
; Sequence 754, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 754
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-754

Query Match      26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      19 GGAGTCCAG 27
      |||||
Db      10 GGAGTCCAG 2

RESULT 434
US-09-701-545-211/c
; Sequence 211, Application US/09701545
; GENERAL INFORMATION:
; APPLICANT: Shinichi Hashimoto, Kouji Matsushima, Takuji Suzuki
; TITLE OF INVENTION: A Group Of Genes Expressed In Human Dendritic Cells
; FILE REFERENCE: 2000-1658A/LC/00653
; CURRENT APPLICATION NUMBER: US/09/701,545
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: JP 11-095481
; PRIOR FILING DATE: 1999-04-01
; NUMBER OF SEQ ID NOS: 300
; SOFTWARE: PatentIn 2.0
; SEQ ID NO 211
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-701-545-211

Query Match      26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      9 ACGTGAC 17
      |||||
Db      9 ACGTGAC 1

RESULT 435
US-09-701-545-273/c
; Sequence 273, Application US/09701545
; GENERAL INFORMATION:
; APPLICANT: Shinichi Hashimoto, Kouji Matsushima, Takuji Suzuki
; TITLE OF INVENTION: A Group Of Genes Expressed In Human Dendritic Cells
; FILE REFERENCE: 2000-1658A/LC/00653
; CURRENT APPLICATION NUMBER: US/09/701,545
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: JP 11-095481
; PRIOR FILING DATE: 1999-04-01
; NUMBER OF SEQ ID NOS: 300
; SOFTWARE: PatentIn 2.0
; SEQ ID NO 273
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-701-545-273

Query Match      26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      15 ACAGGGAGT 23
      |||||
Db      10 ACTGGAGT 2

RESULT 436
US-10-626-905-28
; Sequence 28, Application US/10626905
; GENERAL INFORMATION:
; APPLICANT: FRANZOSO, GUIDO
; APPLICANT: DESMAELE, ENRICO
; APPLICANT: ZAZZERONI, FRANCESCA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING APOPTOSIS
; FILE REFERENCE: 21459-94575
; CURRENT APPLICATION NUMBER: US/10/626,905
; CURRENT FILING DATE: 2003-07-25
; PRIOR APPLICATION NUMBER: PCT/US02/31548
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 10/263,330
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/328,811
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/326,492
; PRIOR FILING DATE: 2001-10-02
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 28
; LENGTH: 10
; TYPE: DNA
```

; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-626-905-28

Query Match 26.4%; Score 7.4; DB 1; Length 10;  
Best Local Similarity 88.9%; Pred. No. 1.9e+02;  
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 GGGAGTCCA 26  
|||||  
Db 2 GGGATTCCA 10

RESULT 437  
US-10-626-905-38  
; Sequence 38, Application US/10626905  
; GENERAL INFORMATION:  
; APPLICANT: FRANZOSO, GUIDO  
; APPLICANT: DESMAELE, ENRICO  
; APPLICANT: ZAZZERONI, FRANCESCA  
; APPLICANT: PAPA, SALVATORE  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING APOPTOSIS  
; FILE REFERENCE: 21459-94575  
; CURRENT APPLICATION NUMBER: US/10/626,905  
; CURRENT FILING DATE: 2003-07-25  
; PRIOR APPLICATION NUMBER: PCT/US02/31548  
; PRIOR FILING DATE: 2002-10-02  
; PRIOR APPLICATION NUMBER: 10/263,330  
; PRIOR FILING DATE: 2002-10-02  
; PRIOR APPLICATION NUMBER: 60/328,811  
; PRIOR FILING DATE: 2001-10-12  
; PRIOR APPLICATION NUMBER: 60/326,492  
; PRIOR FILING DATE: 2001-10-02  
; NUMBER OF SEQ ID NOS: 53  
; SOFTWARE: PatentIn Ver. 3.2  
; SEQ ID NO 38  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Mus musculus  
US-10-626-905-38

Query Match 26.4%; Score 7.4; DB 1; Length 10;  
Best Local Similarity 88.9%; Pred. No. 1.9e+02;  
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 GGGAGTCCA 26  
|||||  
Db 2 GGGATTCCA 10

RESULT 438  
US-10-263-330A-28  
; Sequence 28, Application US/10263330A  
; GENERAL INFORMATION:  
; APPLICANT: FRANZOSO, GUIDO  
; APPLICANT: DESMAELE, ENRICO  
; APPLICANT: ZAZZERONI, FRANCESCA  
; APPLICANT: PAPA, SALVATORE  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING APOPTOSIS  
; FILE REFERENCE: 21459-93823  
; CURRENT APPLICATION NUMBER: US/10/263,330A  
; CURRENT FILING DATE: 2002-10-02  
; PRIOR APPLICATION NUMBER: 60/328,811  
; PRIOR FILING DATE: 2001-10-12  
; PRIOR APPLICATION NUMBER: 60/326,492  
; PRIOR FILING DATE: 2001-10-02  
; NUMBER OF SEQ ID NOS: 49  
; SOFTWARE: PatentIn Ver. 3.2  
; SEQ ID NO 28  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-10-263-330A-28

Query Match 26.4%; Score 7.4; DB 1; Length 10;  
Best Local Similarity 88.9%; Pred. No. 1.9e+02;  
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 GGGAGTCCA 26  
|||||  
Db 2 GGGATTCCA 10

RESULT 439  
US-10-263-330A-38  
; Sequence 38, Application US/10263330A  
; GENERAL INFORMATION:  
; APPLICANT: FRANZOSO, GUIDO  
; APPLICANT: DESMAELE, ENRICO  
; APPLICANT: ZAZZERONI, FRANCESCA  
; APPLICANT: PAPA, SALVATORE  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING APOPTOSIS  
; FILE REFERENCE: 21459-93823  
; CURRENT APPLICATION NUMBER: US/10/263,330A  
; CURRENT FILING DATE: 2002-10-02  
; PRIOR APPLICATION NUMBER: 60/328,811  
; PRIOR FILING DATE: 2001-10-12  
; PRIOR APPLICATION NUMBER: 60/326,492  
; PRIOR FILING DATE: 2001-10-02  
; NUMBER OF SEQ ID NOS: 49  
; SOFTWARE: PatentIn Ver. 3.2  
; SEQ ID NO 38  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Mus musculus  
US-10-263-330A-38

Query Match 26.4%; Score 7.4; DB 1; Length 10;  
Best Local Similarity 88.9%; Pred. No. 1.9e+02;  
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 GGGAGTCCA 26  
|||||  
Db 2 GGGATTCCA 10

RESULT 440  
US-10-816-079-20  
; Sequence 20, Application US/10816079  
; GENERAL INFORMATION:  
; APPLICANT: Genzyme Corporation  
; APPLICANT: Beaudry, Gary A  
; APPLICANT: Madden, Stephen L  
; APPLICANT: Bertelsen, Arthur H  
; TITLE OF INVENTION: Composition and Methods for the Identification of Lung Tumor  
; FILE REFERENCE: GA0129C2  
; CURRENT APPLICATION NUMBER: US/10/816,079  
; CURRENT FILING DATE: 2004-04-01  
; PRIOR APPLICATION NUMBER: 09/663,516  
; PRIOR FILING DATE: 2000-09-15  
; PRIOR APPLICATION NUMBER: 60/080,037  
; PRIOR FILING DATE: 1999-03-30  
; NUMBER OF SEQ ID NOS: 40  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 20  
; LENGTH: 10  
; TYPE: DNA  
; ORGANISM: Artificial  
; FEATURE:  
; OTHER INFORMATION: SAGE tag  
US-10-816-079-20

Query Match 26.4%; Score 7.4; DB 1; Length 10;  
 Best Local Similarity 88.9%; Pred. No. 1.9e+02;  
 Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3 GGCCCTACG 11  
 DB 2 GGCCCGACG 10

RESULT 441  
 US-10-815-571-108/c  
 ; Sequence 108, Application US/10815571  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Dain, Bradley J.  
 ; APPLICANT: Messer, Chad  
 ; APPLICANT: Reed, Carol R.  
 ; APPLICANT: Rounds, Eileen M.  
 ; APPLICANT: Zhan, Ping  
 ; TITLE OF INVENTION: ABCAL Genetic Markers and Statin Response  
 ; FILE REFERENCE: MWH-3047US  
 ; CURRENT APPLICATION NUMBER: US/10/815,571  
 ; CURRENT FILING DATE: 2004-03-31  
 ; PRIOR APPLICATION NUMBER: US 60/459,431  
 ; PRIOR FILING DATE: 2003-03-31  
 ; NUMBER OF SEQ ID NOS: 125  
 ; SOFTWARE: Patent in version 3.2  
 ; SEQ ID NO 108  
 ; LENGTH: 10  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-10-815-571-108

Query Match 26.4%; Score 7.4; DB 1; Length 10;  
 Best Local Similarity 88.9%; Pred. No. 1.9e+02;  
 Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 19 GGAGTCCAG 27  
 DB 9 GGTGTCCAG 1

RESULT 442  
 PCT-US03-38234A-36  
 ; Sequence 36, Application PC/TUS0338234A  
 ; GENERAL INFORMATION:  
 ; APPLICANT: AGENIX, INC.  
 ; APPLICANT: LEXICON GENETICS INCORPORATED  
 ; APPLICANT: Gregory M. Landes  
 ; APPLICANT: Mary Haak-Frendscho  
 ; APPLICANT: Ling Chen  
 ; APPLICANT: Yen-Wah R. Lee  
 ; APPLICANT: Meina Liang  
 ; APPLICANT: Xiao Feng  
 ; APPLICANT: Xiao-Chi Jia  
 ; APPLICANT: Mark R. Nocerini  
 ; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PHOSPHOLIPASE A2 AND USES THEREOF  
 ; FILE REFERENCE: AGENIX.072VFC  
 ; CURRENT APPLICATION NUMBER: PCT/US03/38234A  
 ; CURRENT FILING DATE: 2003-02-19  
 ; PRIOR APPLICATION NUMBER: PCT/US03/38234  
 ; PRIOR FILING DATE: 2003-12-02  
 ; NUMBER OF SEQ ID NOS: 222  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 36  
 ; LENGTH: 11  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 PCT-US03-38234A-36

Query Match 26.4%; Score 7.4; DB 1; Length 11;  
 Best Local Similarity 88.9%; Pred. No. 2.4e+02;  
 Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 GGCCCTAC 10  
 DB 2 GGACCTAC 10

RESULT 443  
 US-09-988-462-55/c  
 ; Sequence 55, Application US/09988462  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Koziel, Michael G.  
 ; Desai, Nalini M.  
 ; Lewis, Kelly S.  
 ; Kramer, Vance C.  
 ; Warren, Gregory W.  
 ; Evola, Stephen V.  
 ; Crossland, Lyle D.  
 ; Wright, Martha S.  
 ; Merlin, Ellis J.  
 ; Launis, Karen L.  
 ; TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED  
 ; INSECTICIDAL ACTIVITY IN MAIZE  
 ; NUMBER OF SEQUENCES: 94  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Syngenta Biotechnology, Inc.  
 ; STREET: 3054 Cornwallis Road  
 ; CITY: Research Triangle Park  
 ; STATE: NC  
 ; COUNTRY: USA  
 ; ZIP: 27709  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent in Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/988,462  
 ; FILING DATE: 20-NOV-2001  
 ; CLASSIFICATION: <Unknown>  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 09/547,422  
 ; FILING DATE: 11-APR-2000  
 ; APPLICATION NUMBER: US 08/459,504  
 ; FILING DATE: 02-JUN-1995  
 ; APPLICATION NUMBER: US 07/951,715  
 ; FILING DATE: 25-SEP-1992  
 ; APPLICATION NUMBER: US 07/772,027  
 ; FILING DATE: 04-OCT-1991  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Meigs, J. Timothy  
 ; REGISTRATION NUMBER: 38,241  
 ; REFERENCE/DOCKET NUMBER: S-188051  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (919) 541-8587  
 ; TELEFAX: (919) 541-8689  
 ; INFORMATION FOR SEQ ID NO: 55:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 11 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: other nucleic acid  
 ; DESCRIPTION: /desc = "primer for third quarter -  
 ; HYPOTHETICAL: NO  
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 55:  
 US-09-988-462-55

Query Match 26.4%; Score 7.4; DB 1; Length 11;  
 Best Local Similarity 88.9%; Pred. No. 2.4e+02;  
 Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 14 TACAGGGAG 22  
 DB 11 TACAGGGGG 3

RESULT 444  
US-10-070-587C-100/c  
; Sequence 100, Application US/10070587C  
; GENERAL INFORMATION:  
; APPLICANT: Epidauros Biotechnologie AG  
; TITLE OF INVENTION: Polymorphisms in the human CYP3A4 and CYP3A7 genes and  
; FILE REFERENCE: D 2145 PCT  
; CURRENT APPLICATION NUMBER: US/10/070,587C  
; CURRENT FILING DATE: 2002-03-08  
; PRIOR APPLICATION NUMBER: EP 99 11 8120.7  
; PRIOR FILING DATE: 1999-09-10  
; NUMBER OF SEQ ID NOS: 172  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 100  
; LENGTH: 11  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Sequence  
US-10-070-587C-100

Query Match 26.4%; Score 7.4; DB 1; Length 11;  
Best Local Similarity 88.9%; Pred. No. 2.4e+02;  
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 14 TACAGGGAG 22  
Db 10 TTCAGGGAG 2

RESULT 445  
US-10-070-587C-101  
; Sequence 101, Application US/10070587C  
; GENERAL INFORMATION:  
; APPLICANT: Epidauros Biotechnologie AG  
; TITLE OF INVENTION: Polymorphisms in the human CYP3A4 and CYP3A7 genes and  
; FILE REFERENCE: D 2145 PCT  
; CURRENT APPLICATION NUMBER: US/10/070,587C  
; CURRENT FILING DATE: 2002-03-08  
; PRIOR APPLICATION NUMBER: EP 99 11 8120.7  
; PRIOR FILING DATE: 1999-09-10  
; NUMBER OF SEQ ID NOS: 172  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 101  
; LENGTH: 11  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Sequence  
US-10-070-587C-101

Query Match 26.4%; Score 7.4; DB 1; Length 11;  
Best Local Similarity 88.9%; Pred. No. 2.4e+02;  
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 14 TACAGGGAG 22  
Db 2 TTCAGGGAG 10

RESULT 446  
US-10-801-994-15/c  
; Sequence 15, Application US/10801994  
; GENERAL INFORMATION:  
; APPLICANT: JOUNG, J. KEITH  
; APPLICANT: MILLER, JEFFREY  
; APPLICANT: PABO, CARL O.  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INTERACTION TRAP ASSAYS  
; FILE REFERENCE: MTV-030.01 (20021-3001)

; CURRENT APPLICATION NUMBER: US/10/801,994  
; CURRENT FILING DATE: 2004-03-16  
; PRIOR APPLICATION NUMBER: US/09/858,852A  
; PRIOR FILING DATE: 2001-05-16  
; PRIOR APPLICATION NUMBER: 60/204,509  
; PRIOR FILING DATE: 2000-05-16  
; NUMBER OF SEQ ID NOS: 91  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 15  
; LENGTH: 11  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Consensus  
; OTHER INFORMATION: sequence  
; NAME/KEY: modified\_base  
; LOCATION: (2)  
; OTHER INFORMATION: No clear preference  
; NAME/KEY: modified\_base  
; LOCATION: (11)  
; OTHER INFORMATION: No clear preference  
US-10-801-994-15

Query Match 26.4%; Score 7.4; DB 1; Length 11;  
Best Local Similarity 80.0%; Pred. No. 2.4e+02;  
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 9 ACGTGTCACAG 18  
Db 10 ACGTGTCGCG 1

RESULT 447  
US-10-708-951-22468  
; Sequence 22468, Application US/10708951  
; GENERAL INFORMATION:  
; APPLICANT: ROSETTA GENOMICS LTD  
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL  
; FILE REFERENCE: 55034  
; CURRENT APPLICATION NUMBER: US/10/708,951  
; CURRENT FILING DATE: 2004-04-02  
; NUMBER OF SEQ ID NOS: 59824  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 22468  
; LENGTH: 11  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-708-951-22468

Query Match 26.4%; Score 7.4; DB 1; Length 11;  
Best Local Similarity 88.9%; Pred. No. 2.4e+02;  
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 16 CAGGGAGTC 24  
Db 3 CAGGGAGCC 11

RESULT 448  
US-10-708-951-40892  
; Sequence 40892, Application US/10708951  
; GENERAL INFORMATION:  
; APPLICANT: ROSETTA GENOMICS LTD  
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL  
; FILE REFERENCE: 55034  
; CURRENT APPLICATION NUMBER: US/10/708,951  
; CURRENT FILING DATE: 2004-04-02  
; NUMBER OF SEQ ID NOS: 59824  
; SOFTWARE: PatentIn version 3.2



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; SEQ ID NO 40892
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-40892

Query Match      26.4%; Score 7.4; DB 1; Length 11;
Best Local Similarity 88.9%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      16 CAGGGAGTC 24
      |||||
Db       3 CAGGGAGCC 11

Search completed: April 19, 2004, 15:52:38
Job time : 2 secs

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